

Goat Anti-Rabbit IgG H&L / Biotin antibody

SL0295G-Bio

Product Name Goat Anti-Rabbit IgG H&L / Biotin

Chinese Name 生物素标记的羊抗兔 IgG H&L

Alias Goat Anti-Rabbit IgG H&L (Biotin); Immunoglobulin G;

Specific References (21) | SL0295G-Bio has been referenced in 21 publications.

[IF=7.561] Min Yang. et al. The Role of Renal Macrophage, AIM, and TGF- β 1 Expression in R
Front Immunol. 2021; 12: 646650 **IF,IHC ; Human.**

PubMed:34194427

[IF=6.551] Nuanfei Zhu. et al. Dual amplified ratiometric fluorescence ELISA based on G-quad
DNA nanostructure as scaffold for ultrasensitive detection of dibutyl phthalate in aquatic system

PubMed:33905933

[IF=5.81] Wei W. et al. Apigenin, a Single Active Component of Herbal Extract, Alleviates Xer
AQP5 Activation.. Front Pharmacol. 2022 Feb;13:818116-818116 **IHC ; Mouse.**

PubMed:35264956

[IF=5.395] Yuanchao Zhu. et al. Biomimetic Porous Magnesium Alloy Scaffolds Promote the R
through Activating the Wnt/ β -Catenin Signaling Pathway. ACS BIOMATER-SCI ENG. 2023;X

PubMed:37200162

[IF=5.227] Junwei Shi. et al. Electrochemiluminescence Imaging of Membrane Carcinoembryon
ANALYST. 2023 Apr;: **IF ; Human.**

PubMed:37191134

[IF=5.177] Rong Cong. et al. The PVT1/miR-612/CENP-H/CDK1 axis promotes malignant prog
Cancer Res. 2021; 11(4): 1480–1502 **IHC ; Human.**

PubMed:33948369

[IF=3.996] Chen, Qiliang. et al. Exploration of a Brain-Liver-Communication-Related Mechanis
Perimenopausal Depression Rat Model using Chaihu-Shugan-San. Neurochem Res. 2022 Feb;:1



PubMed:10.1007/s11064-022-03534-y

[IF=3.848] Chen Luyao. et al. Epicatechin gallate prevents the de novo synthesis of fatty acid and improves insulin resistance in mice. *Bioch Bioph Sin.* 2021 Oct;; **IHC ; Mouse.**

PubMed:34718375

[IF=3.297] Dan Zhang. et al. Screening and identification of a CD44v6 specific peptide using in vivo targeting. *Ann Transl Med.* 2020 Nov; 8(21): 1442 **IF,IHC ; Human.**

PubMed:33313187

[IF=3.267] Asako Takahashi. et al. Erucic Acid-Rich Yellow Mustard Oil Improves Insulin Resistance in Mice. *Int J Mol Med.* Jan;26(3):546 **IHC ; Mouse.**

PubMed:33494317

[IF=3.171] Jian-Zhu Bo. et al. D-serine reduces memory impairment and neuronal damage induced by kainic acid in mice. *Res.* 2021 May;16(5):836 **IHC ; Rat.**

PubMed:33229717

[IF=3.145] Zheng Hua-chuan. et al. The potential oncogenic effect of tissue-specific expression of miR-143 in H1299 cells. *TRANSGENIC RES.* 2023 May;; 1-15 **WB ; Mouse.**

PubMed:37247123

[IF=3.098] Lu Xue. et al. A novel peptide relieves endothelial cell dysfunction in preeclampsia by inhibiting the PI3K/Akt pathway. *Int J Mol Med.* 2021 Jan;47(1):276-288 **IHC ; Rat.**

PubMed:33236147

[IF=2.923] Junyuan Ma. et al. Effects of melatonin on development and hormone secretion of sheep. *Int J Mol Med.* 2023 Mar;198:172 **IHC ; Sheep.**

PubMed:36592515

[IF=2.767] Dezhuan Da. et al. Glutamate-cysteine ligase catalytic and its modifier function as novel targets for the treatment of glioma. *Asian J Surg.* 2022 Mar;; **IHC ; Other.**

PubMed:35241341

[IF=2.65] Zaki Asmaa Hussein. et al. Medicinal Mushroom *Leucocalocybe mongolica* Imai Extracts Regulate Protein Expression in Lactating Rats via Regulating Protein Expression. *EVID-BASED COMPL ALT.* 2022;2022:5

PubMed:35761899

[IF=2.005] Yongfu La. et al. Different expression of LHR, PRLR, GH and IGF1 during testicular development in mice. *Int J Mol Med.* 2021 Jan;47(1):276-288 **IHC ; Rat.**

PubMed:34752661

[IF=1.858] Xingyu Min. et al. Analysis of PPP1R11 expression in granulosa cells during development and its function. REPROD DOMEST ANIM. 2022 Oct;; IHC ; Yak.

PubMed:36178063

[IF=1.601] Songtao Zhang. et al. CMTM6 and PD-1/PD-L1 overexpression are associated with the progression of squamous cell carcinoma. Or Surg Or Med Or Pa. 2021 Mar;; IHC ; Human.

PubMed:10.1016/j.oooo.2021.02.019

[IF=1.41] Yi X et al. Expression of Keap1 and Nrf2 in diffuse large B-cell lymphoma and its clinical significance. J Clin Pathol. Aug;16(2):573-578. IHC-P ; Rabbit.

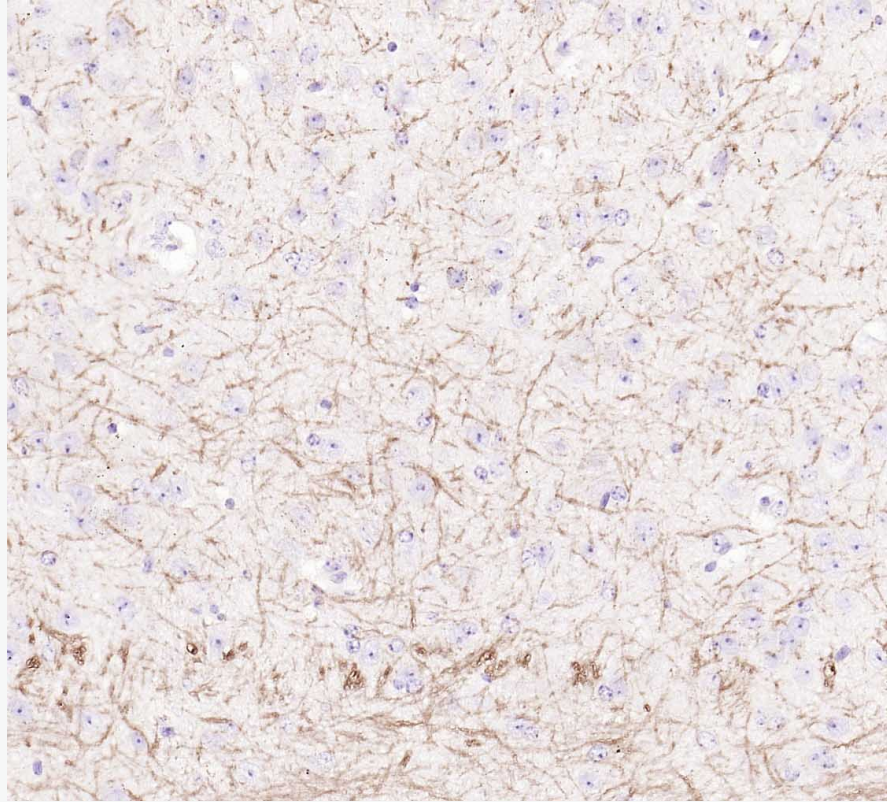
PubMed:30112024

[IF=0] Yunsheng Wang. et al. A rare case of giant panda cancer: Pancreatic ductal adenocarcinoma. J Clin Pathol. Medicine. 2022 Nov;; IHC ; Panda.

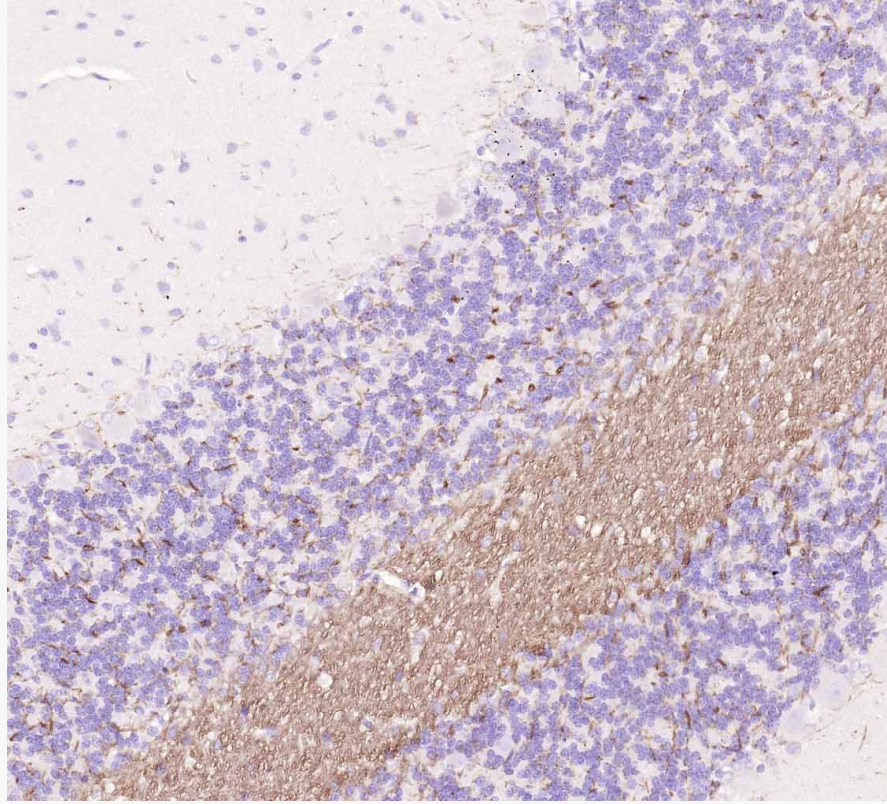
PubMed:36369766

Immunogen Species	Goat
Clonality	Polyclonal
React Species	Rabbit,
Applications	WB=1:2000-20000,IHC-P=1:200-1000,IHC-F=1:200-1000,ELISA=1:2000-20000,ICC/IF=1:1000-20000, not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Form	Liquid
Concentration	2.0 mg/ml
immunogen	Native rabbit IgG
Lsotype	IgG
Purification	affinity purified by Protein G, nonspecific adsorbed
Buffer Solution	10 mM TBS (pH=7.4) with 1% BSA, 3% Proclin300 and 50% glycerol.
Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic purposes. Immunoglobulin G (IgG), is one of the most abundant proteins in serum with normal levels between 1-2 g/L. It is important for our defence against microorganisms and the molecules are produced by B lymphocytes. The IgG molecule has two separate functions; to bind to the pathogen that elicited the response and to destroy the antigen. The variability of the IgG pool is generated by somatic recombination and the number of variants at a given time point is estimated to be 10 ¹¹ variants.
Product Detail	

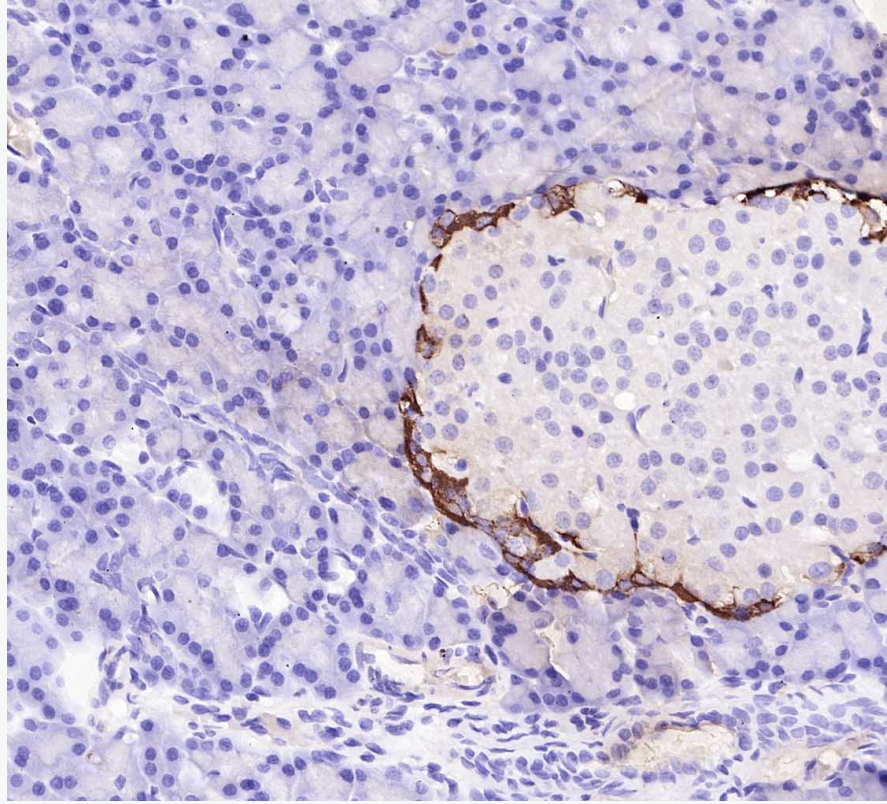
**Product
Picture**



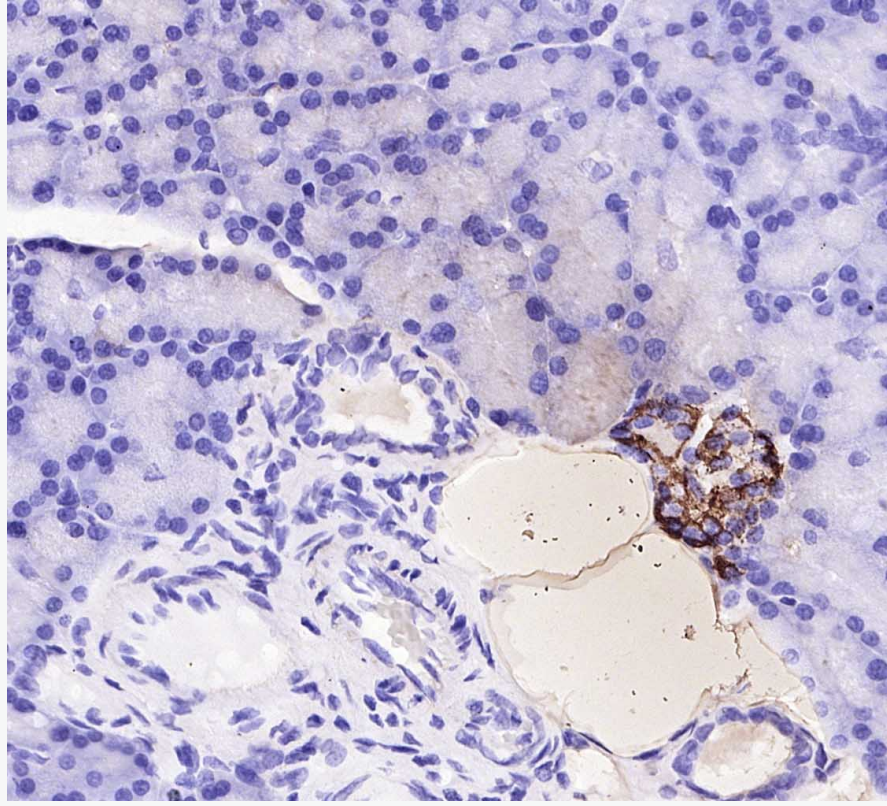
Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum); Antigen retrieval by boiling
Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal
incubation with (MBP) Polyclonal Antibody, Unconjugated (SL24827R) at 1:200 overnight at
Kit(Rabbit) (sp-0023 SL0295G-Bio 1:500) instructions and DAB staining.



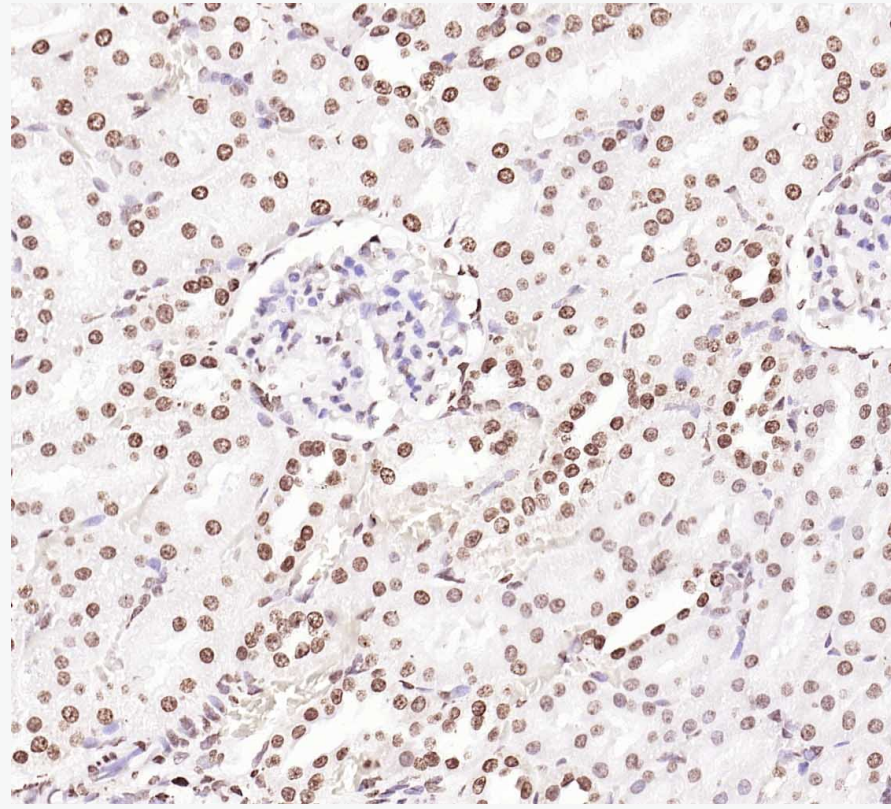
Paraformaldehyde-fixed, paraffin embedded (rat cerebellum); Antigen retrieval by boiling in s
Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (norm
incubation with (MBP) Polyclonal Antibody, Unconjugated (SL24827R) at 1:200 overnight at
Kit(Rabbit) (sp-0023 SL0295G-Bio 1:500) instructions and DAB staining.



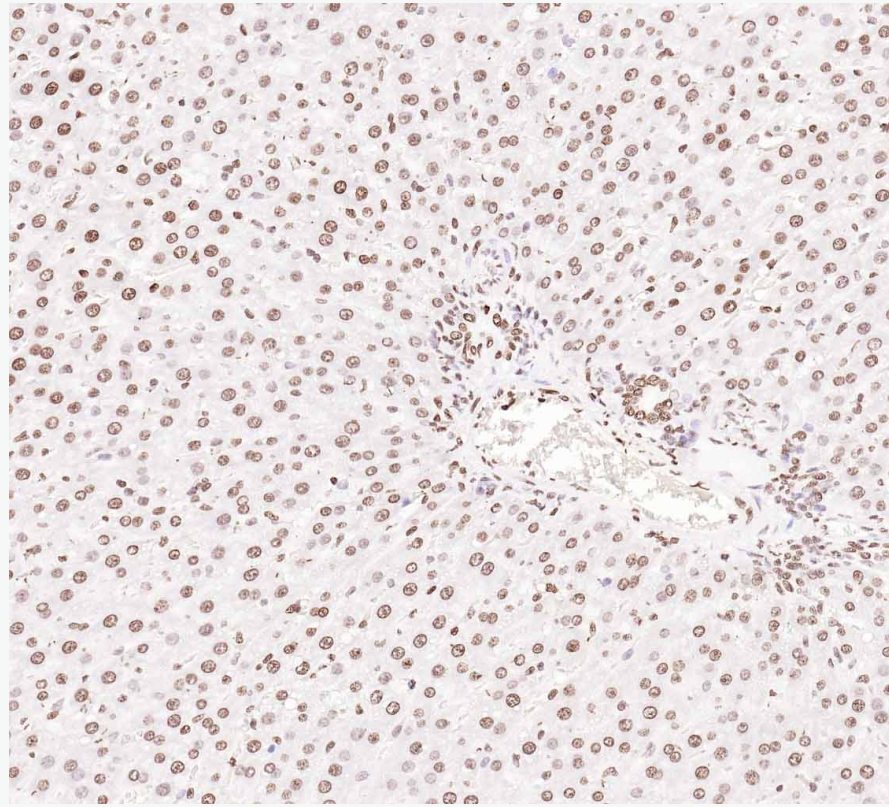
Paraformaldehyde-fixed, paraffin embedded (rat pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH 6.0); Endogenous peroxidase blocked by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) for 1 hour; Incubation with (Glucagon) Polyclonal Antibody, Unconjugated (SL3796R) at 1:200 overnight; Incubation with DAB-APC Complex (SP Kit(Rabbit) (sp-0023 SL0295G-Bio 1:2000) instructions and DAB staining.



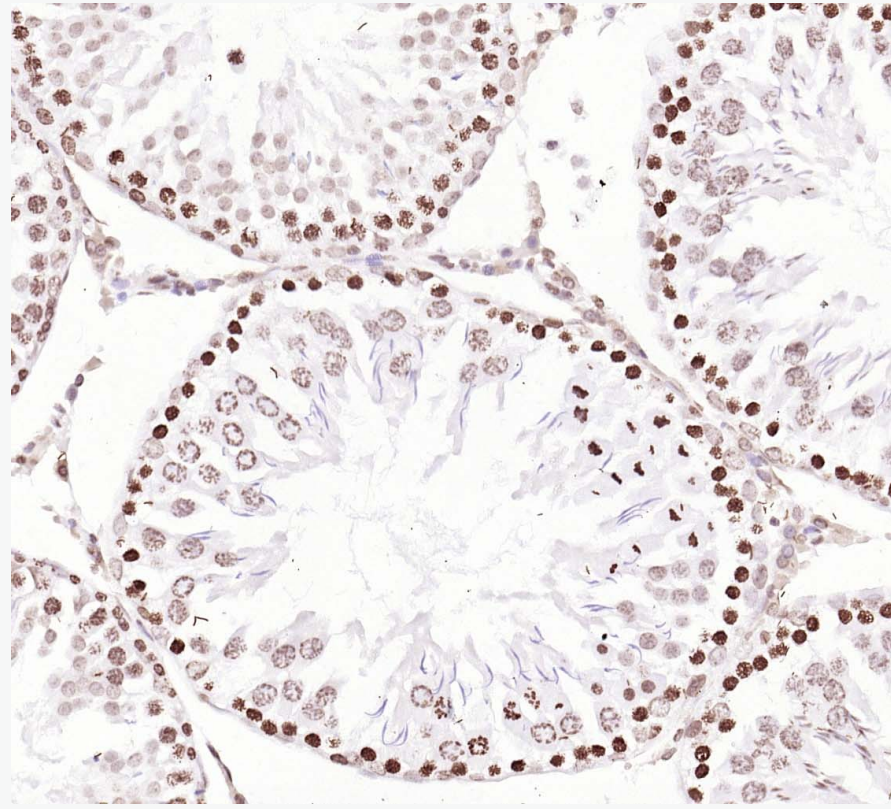
Paraformaldehyde-fixed, paraffin embedded (mouse pancreas); Antigen retrieval by boiling in
Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal
incubation with (Glucagon) Polyclonal Antibody, Unconjugated (SL3796R) at 1:200 overnight
SP Kit(Rabbit) (sp-0023 SL0295G-Bio 1:2000) instructions and DAB staining.



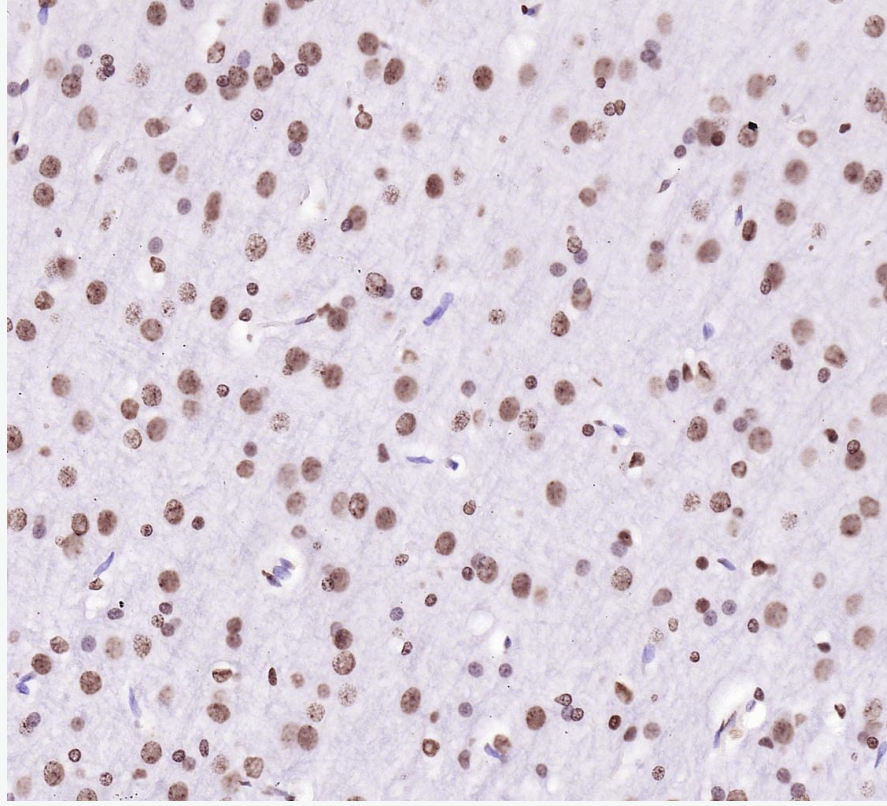
Paraformaldehyde-fixed, paraffin embedded (rat kidney); Antigen retrieval by boiling in sodium citrate buffer (pH 6.0); Endogenous peroxidase blocked by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) for 1 hour; Incubation with (Histone H3 (Nuclear Loading Control)) Polyclonal Antibody, Unconjugated (1:1000) for 24 hours at 4°C; followed by operating according to SP Kit(Rabbit) (sp-0023 SL0295G-Bio 1:500) instructions.



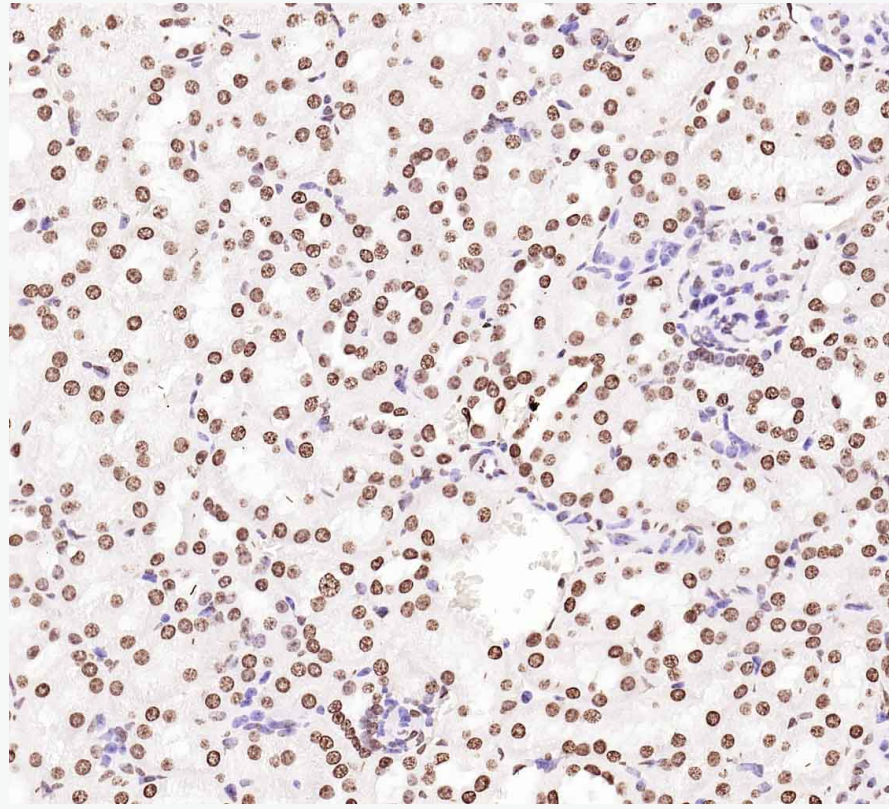
Paraformaldehyde-fixed, paraffin embedded (rat liver); Antigen retrieval by boiling in sodium
endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal go
incubation with (Histone H3 (Nuclear Loading Control)) Polyclonal Antibody, Unconjugated
followed by operating according to SP Kit(Rabbit) (sp-0023 SL0295G-Bio 1:500) instructions



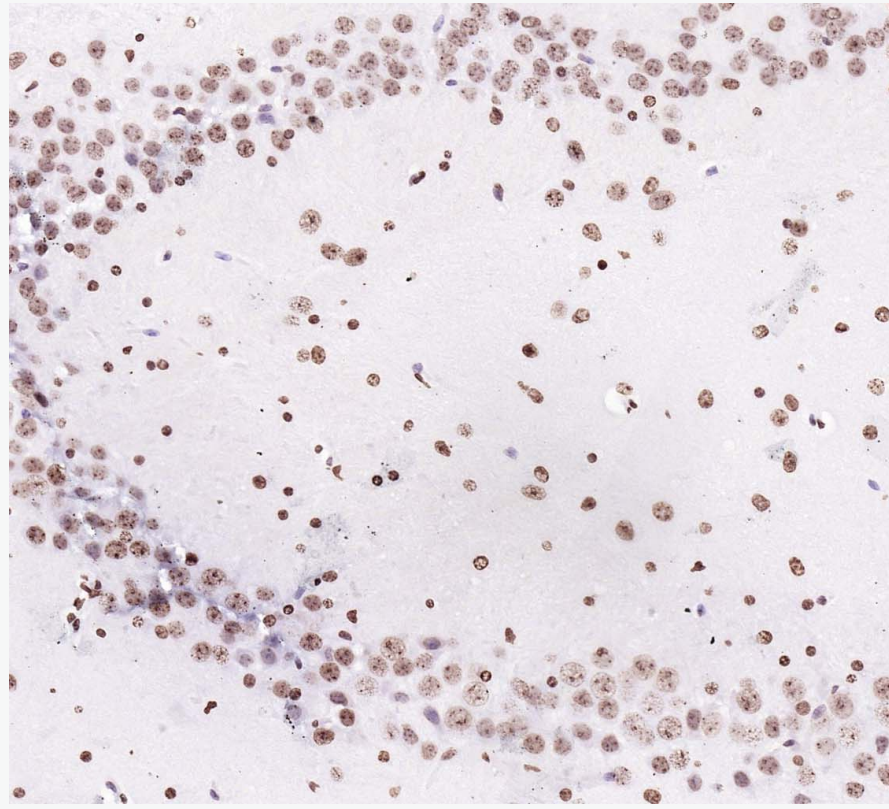
Paraformaldehyde-fixed, paraffin embedded (rat testis); Antigen retrieval by boiling in sodium
endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal go
incubation with (Histone H3 (Nuclear Loading Control)) Polyclonal Antibody, Unconjugated
followed by operating according to SP Kit(Rabbit) (sp-0023 SL0295G-Bio 1:500) instructions



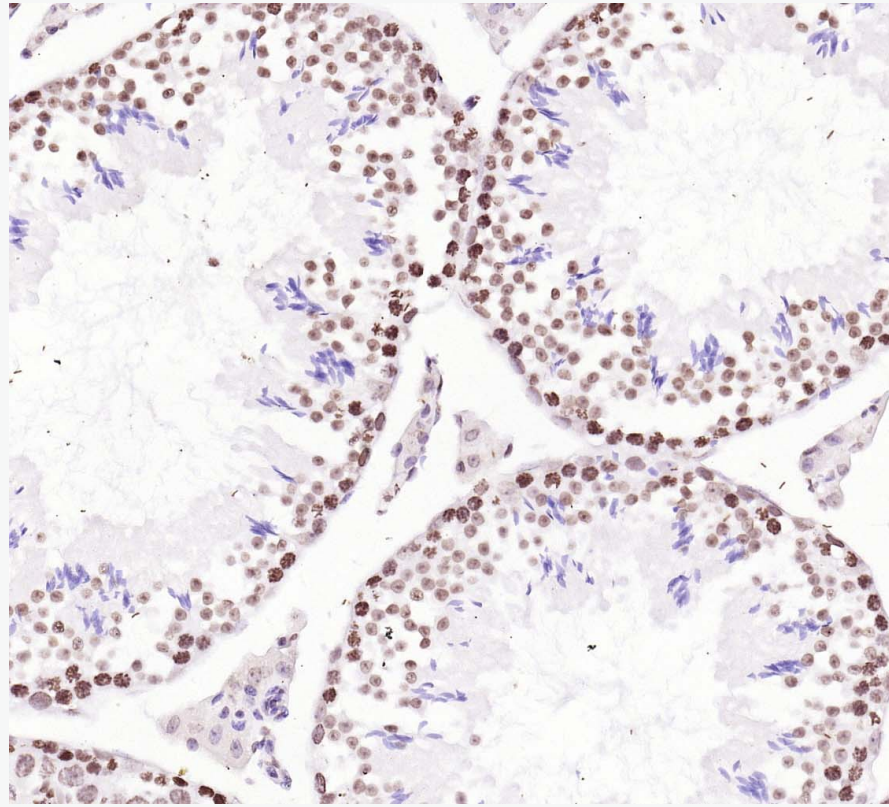
Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) for 1 hour; Primary antibody incubation with (Histone H3 (Nuclear Loading Control)) Polyclonal Antibody, Unconjugated (1:500) for 24 hours at 4°C; Secondary antibody incubation with SP Kit(Rabbit) (sp-0023 SL0295G-Bio 1:500) for 2 hours at 37°C; DAB staining followed by operating according to SP Kit(Rabbit) (sp-0023 SL0295G-Bio 1:500) instructions.



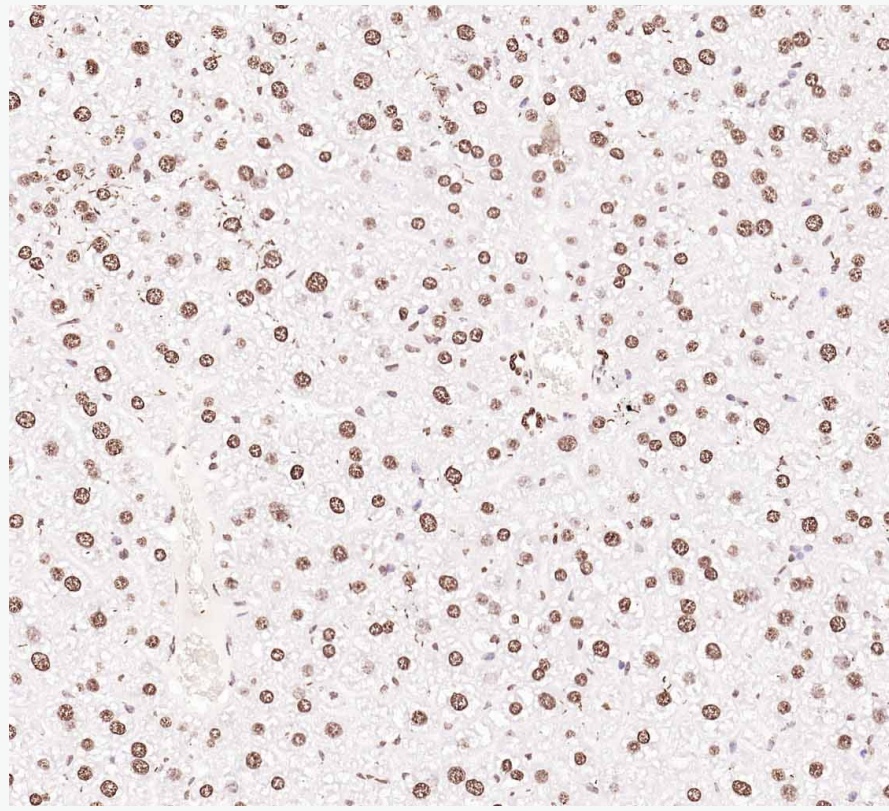
Paraformaldehyde-fixed, paraffin embedded (mouse kidney); Antigen retrieval by boiling in so
endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal go
incubation with (Histone H3 (Nuclear Loading Control)) Polyclonal Antibody, Unconjugated
followed by operating according to SP Kit(Rabbit) (sp-0023 SL0295G-Bio 1:500) instructions



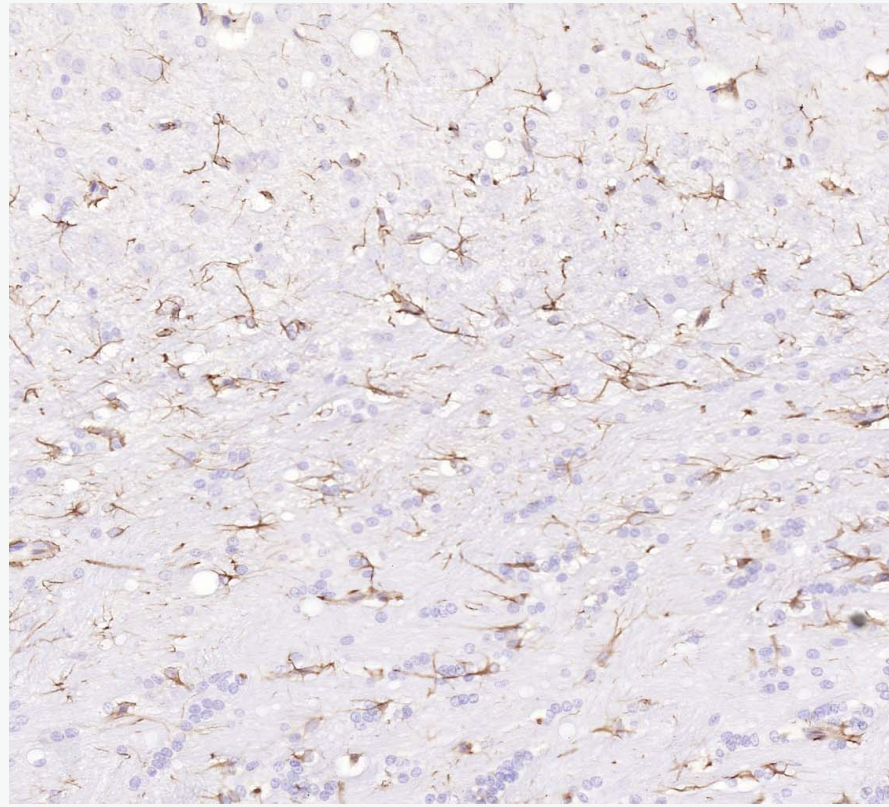
Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in so
endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal go
incubation with (Histone H3 (Nuclear Loading Control)) Polyclonal Antibody, Unconjugated
followed by operating according to SP Kit(Rabbit) (sp-0023 SL0295G-Bio 1:500) instructions



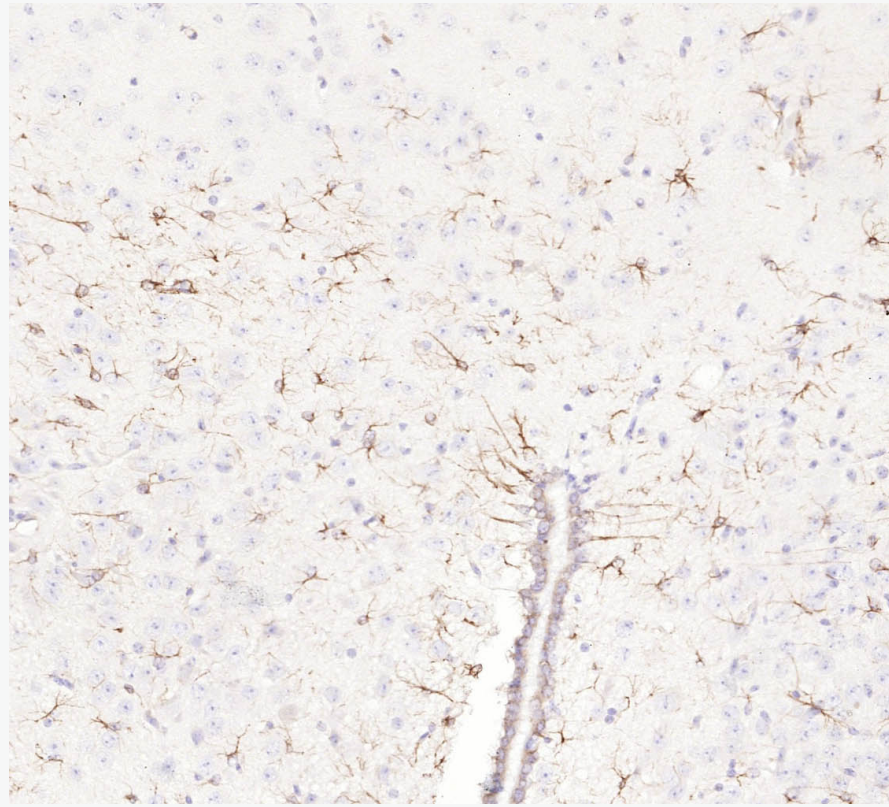
Paraformaldehyde-fixed, paraffin embedded (mouse testis); Antigen retrieval by boiling in so
endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal go
incubation with (Histone H3 (Nuclear Loading Control)) Polyclonal Antibody, Unconjugated
followed by operating according to SP Kit(Rabbit) (sp-0023 SL0295G-Bio 1:500) instructions



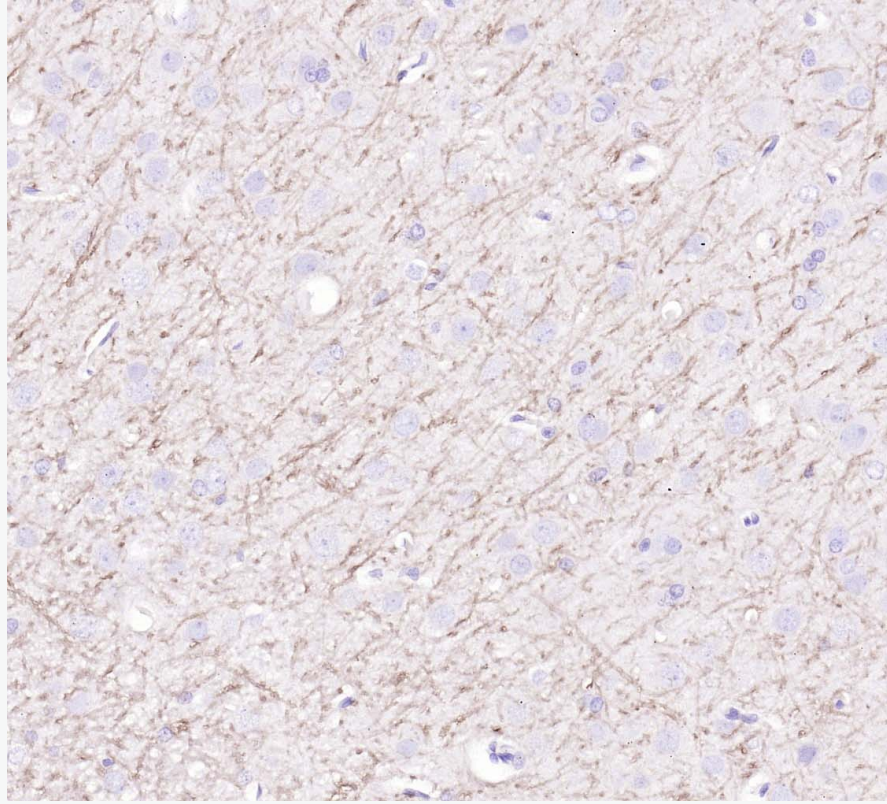
Paraformaldehyde-fixed, paraffin embedded (mouse liver); Antigen retrieval by boiling in sodium citrate buffer; Blocking endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) for 1 hour; Incubation with (Histone H3 (Nuclear Loading Control)) Polyclonal Antibody, Unconjugated for 1 hour; Incubation with secondary antibody for 1 hour; followed by operating according to SP Kit(Rabbit) (sp-0023 SL0295G-Bio 1:500) instructions.



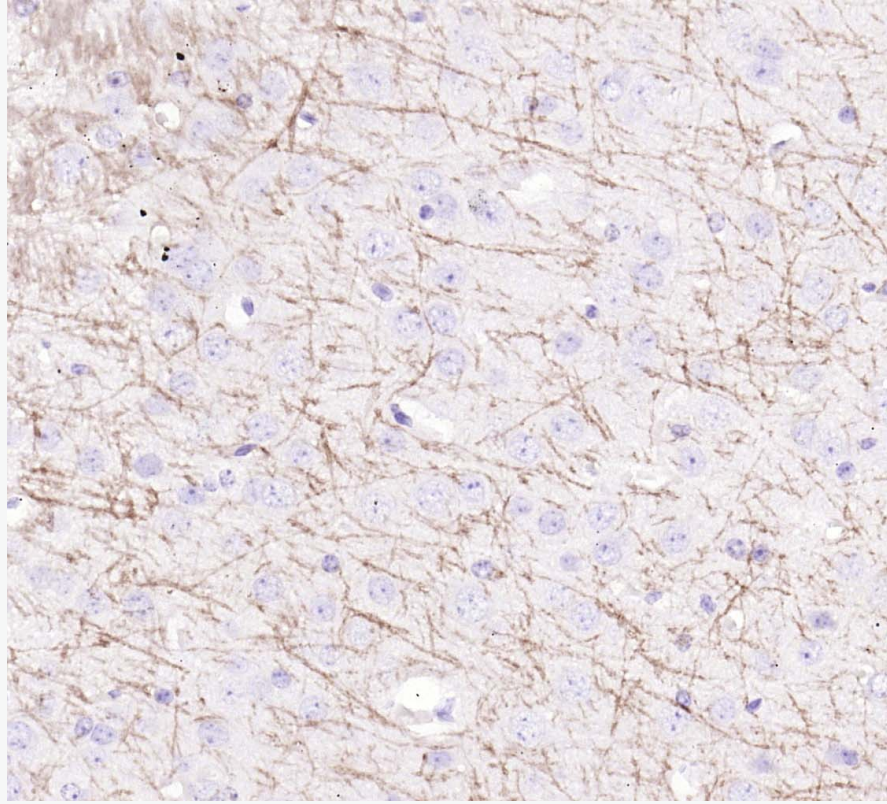
Paraformaldehyde-fixed, paraffin embedded (RAT brain); Antigen retrieval by boiling in sodium citrate buffer; Endogenous peroxidase blocked by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) for 1 hour; Incubation with (GFAP) Polyclonal Antibody, Unconjugated (SL0199R) at 1:200 overnight at 4°C; Incubation with DAB-Kit(Rabbit) (sp-0023 SL0295G-Bio 1:1000) instructions and DAB staining.



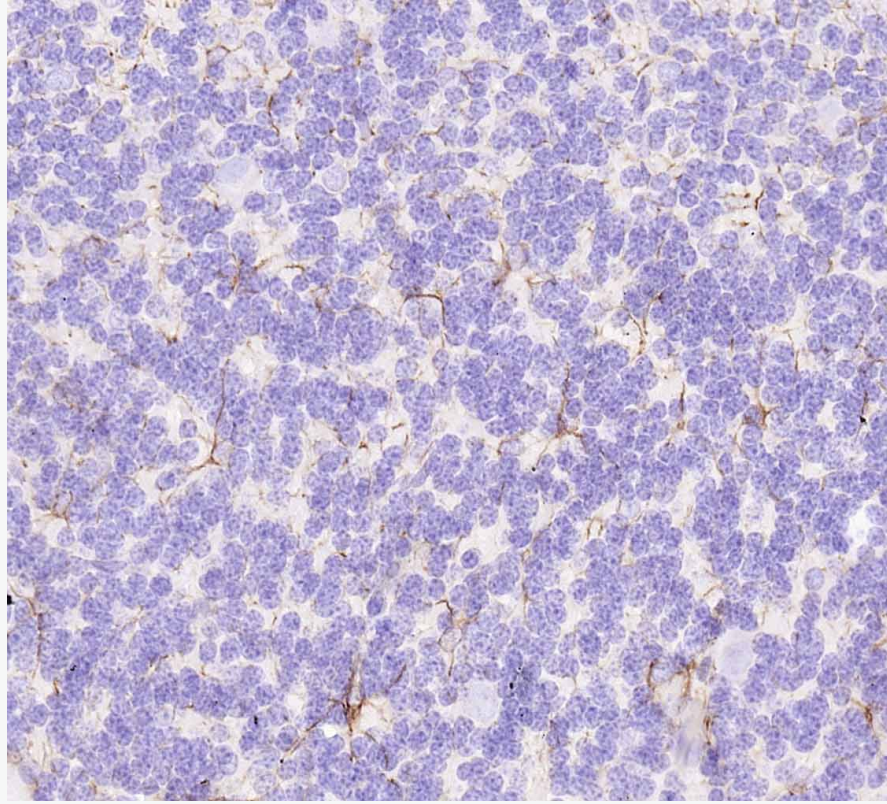
Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in so
endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal go
incubation with (GFAP) Polyclonal Antibody, Unconjugated (SL0199R) at 1:200 overnight at
Kit(Rabbit) (sp-0023 SL0295G-Bio 1:1000) instructions and DAB staining.



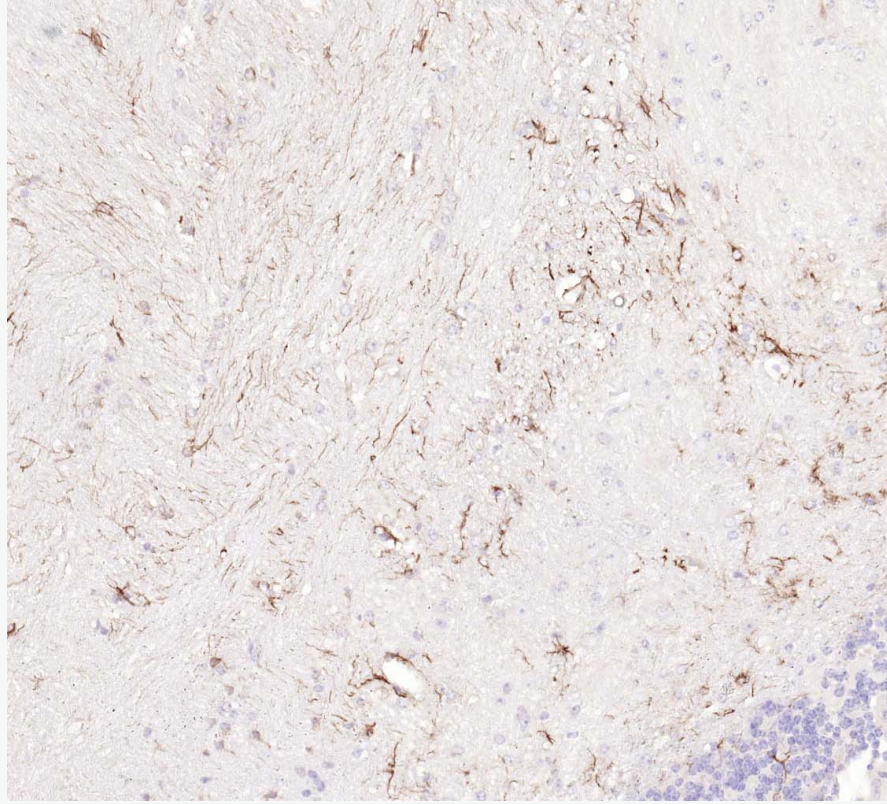
Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) for 1 hour; Incubation with (MBP) Polyclonal Antibody, Unconjugated (SL24827R) at 1:200 overnight at 4°C; Detection with DAB-Kit(Rabbit) (sp-0023 SL0295G-Bio 1:1000) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in so
endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal go
incubation with (MBP) Polyclonal Antibody, Unconjugated (SL24827R) at 1:200 overnight at
Kit(Rabbit) (sp-0023 SL0295G-Bio 1:1000) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat cerebellum); Antigen retrieval by boiling in s
Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (norm
incubation with (GFAP) Polyclonal Antibody, Unconjugated (SL0199R) at 1:200 overnight at
Kit(Rabbit) (sp-0023 SL0295G-Bio 1:2000) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum); Antigen retrieval by boiling
Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal
incubation with (GFAP) Polyclonal Antibody, Unconjugated (SL0199R) at 1:200 overnight at
Kit(Rabbit) (sp-0023 SL0295G-Bio 1:500) instructions and DAB staining.