



SUNLONG

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Rabbit Anti-NKB antibody

SL0070R

Product Name NKB

Chinese Name 神经激肽 B 抗体

Alias Neurokinin B; Gamma tachykinin 3; Neurokinin B like protein; Neurokinin B protein; Neurokinin beta; NeurokininB; Neuromedin K; NeuromedinK; NKB; NKNB; Preprotachykinin B; PreprotachykininB; PRO 1155; PRO1155; TAC 3; TAC3; Tachykinin 3; Tachykinin3; ZNEUROK 1; ZNEUROK1.

Research Area Neurobiology

Immunogen Species Rabbit

Clonality Polyclonal

React Species Mouse, Rat, (predicted: Human, Pig, Cow,)

Applications IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 (Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 1.3/13kDa

Cellular localization Secretory protein

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human NKB: 81-90/121

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. 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 applications.

PubMed

[PubMed](#)

Tachykinins are active peptides which excite neurons, evoke behavioral responses, are potent vasodilators and secretagogues, and contract (directly or indirectly) many smooth muscles. [subcellular location] secreted. It is belongs to the tachykinin family.

Function:

Tachykinins are active peptides which excite neurons, evoke behavioral responses, are potent vasodilators and secretagogues, and contract (directly or indirectly) many smooth muscles.

Subcellular Location:

Secreted.

Similarity:

Belongs to the tachykinin family.

SWISS:

Q9UHF0

Gene ID:

6866

**Product
Detail**

Database links:

[Entrez Gene: 281513](#) Cow

[Entrez Gene: 6866](#) Human

[Entrez Gene: 21334](#) Mouse

[Entrez Gene: 492314](#) Pig

[Entrez Gene: 29191](#) Rat

[Omim: 162330](#) Human

[SwissProt: Q9UHF0](#) Human

[SwissProt: P55099](#) Mouse

[SwissProt: P08435](#) Rat

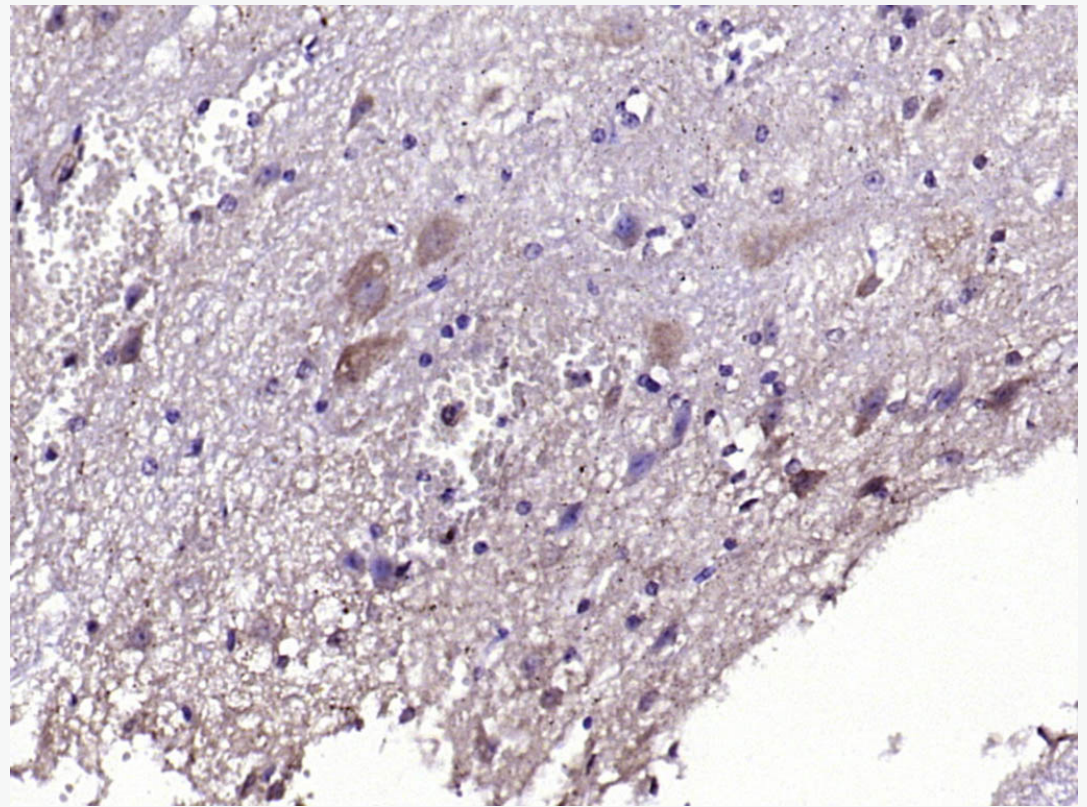
[Unigene: 9730](#) Human

[Unigene: 2374](#) Mouse

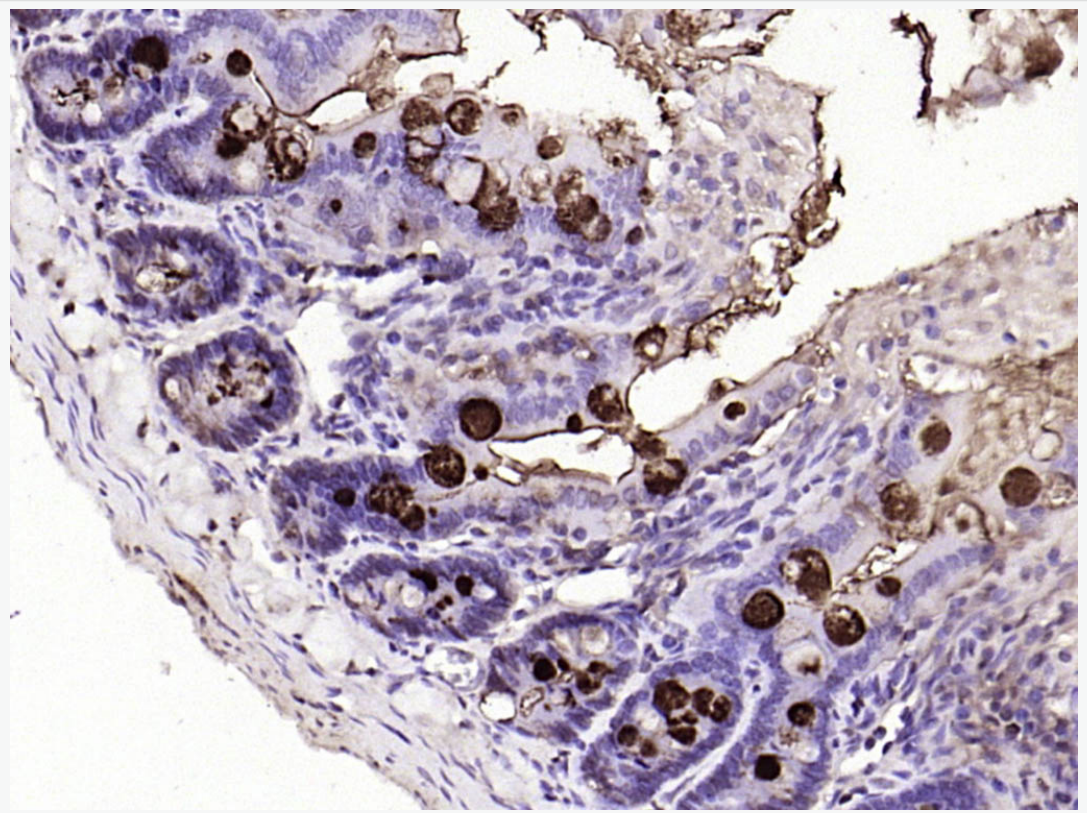
[Unigene: 9708](#) Rat

此抗体识别 Neurokinins A, NKA 没有 React Species。

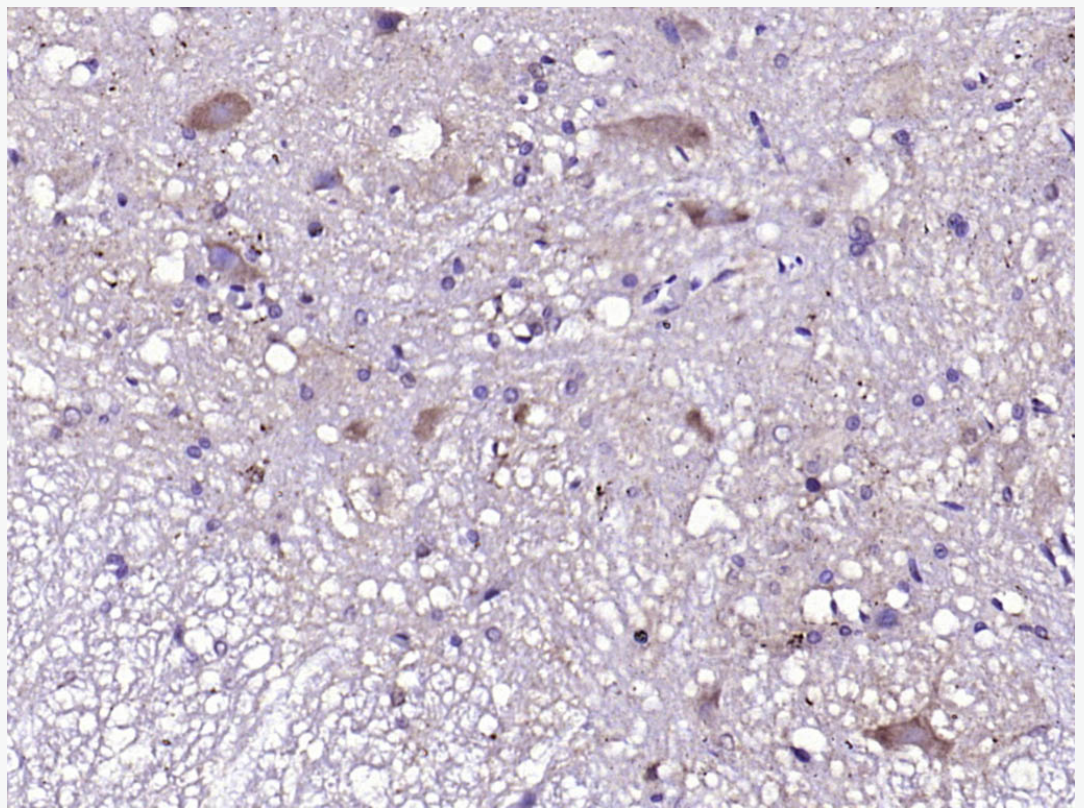
**Product
Picture**



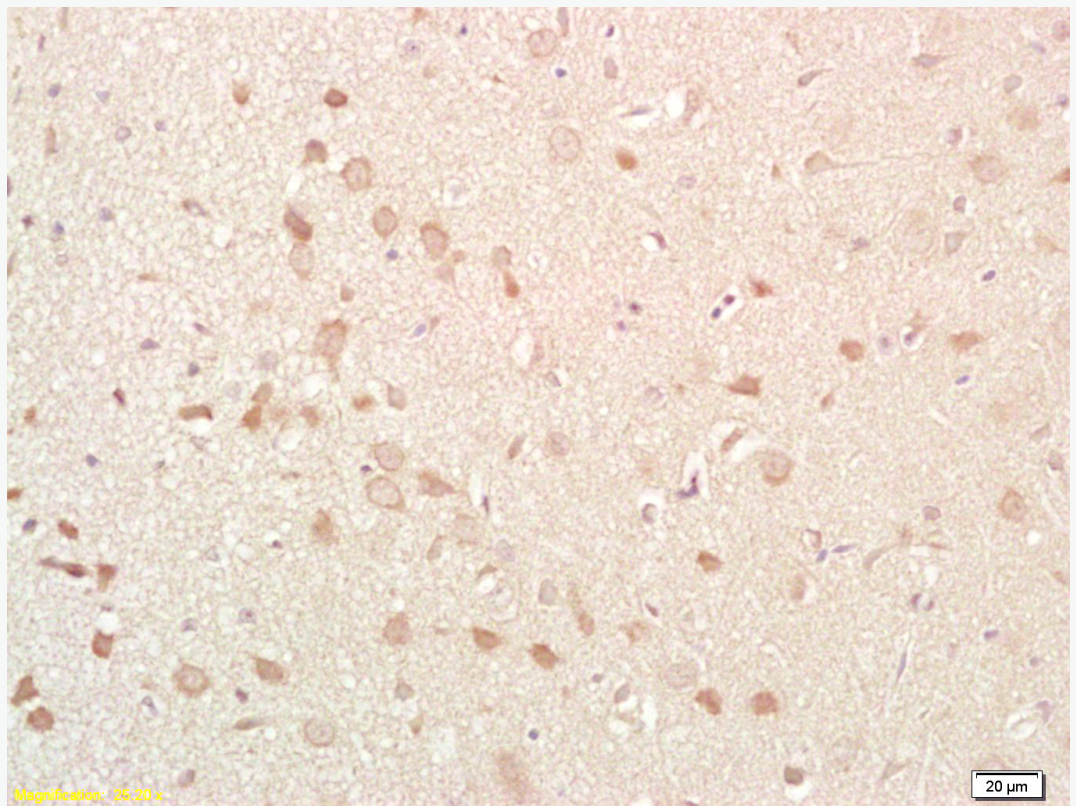
Paraformaldehyde-fixed, paraffin embedded (MOUSE spinal cord); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NKB) Polyclonal Antibody, Unconjugated (SL0070R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



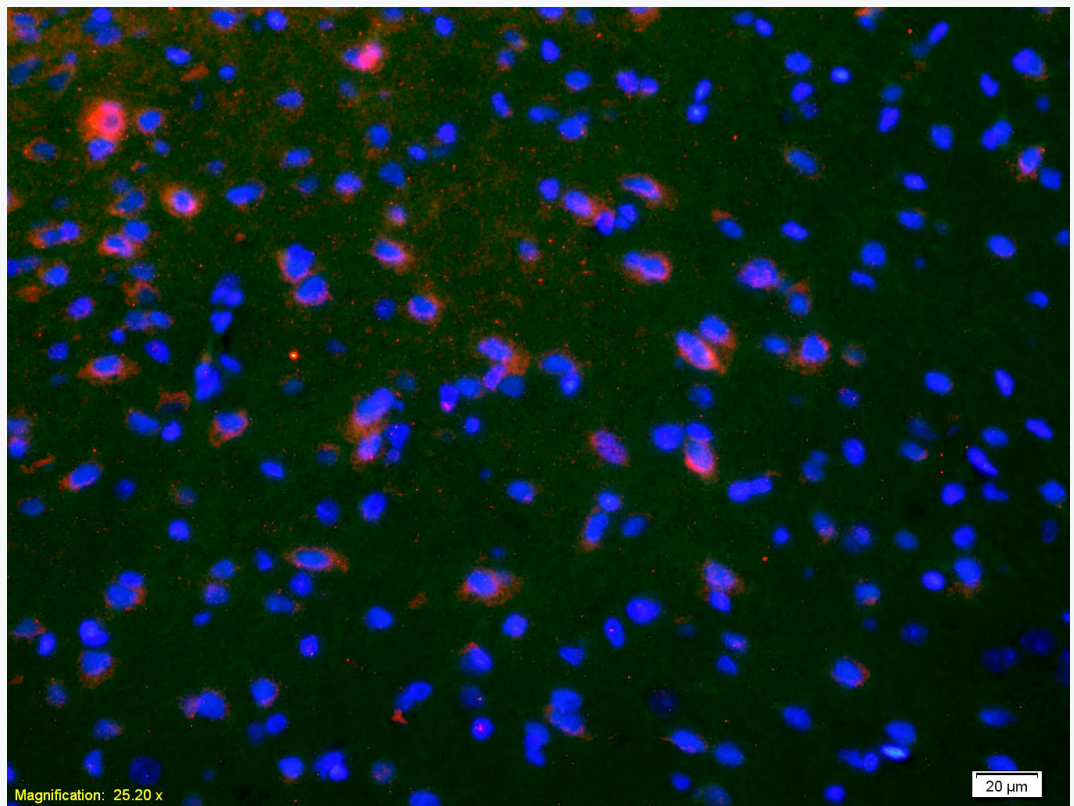
Paraformaldehyde-fixed, paraffin embedded (rat small intestine); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NKB) Polyclonal Antibody, Unconjugated (SL0070R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat spinal cord); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NKB) Polyclonal Antibody, Unconjugated (SL0070R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min; Block
endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer
(normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-NKB Polyclonal Antibody, Unconjugated(SL0070R) 1:200,
overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and
DAB(C-0010) staining



Tissue/cell: rat brain tissue;4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min;
Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-NKB Polyclonal Antibody, Unconjugated(SL0070R) 1:200,
overnight at 4°C; The secondary antibody was Goat Anti-Rabbit IgG, Cy3
conjugated(SL0295G-Cy3)used at 1:200 dilution for 40 minutes at 37°C.
DAPI(5ug/ml,blue,C-0033) was used to stain the cell nuclei