SunLong Biotech Co.,LTD
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Rabbit Anti-ADNP antibody

SL0039R

Product Name	ADNP
Chinese Name	活性依赖的神经保护肽抗体
Alias	Activity dependent neuroprotective protein; Activity dependent neuroprotector; NAP; KIAA0784
Research Area	Cell biology Neurobiology Apoptosis transcriptional regulatory factor
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse, Rat, (predicted: Human, Chicken, Dog, 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	114kDa
Cellular localization	The nucleus
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human ADNP: 331-400/1102
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℃. 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
Product	The activity dependent neuroprotective protein (ADNP) gene is frequently amplified

Detail

in many neoplasias, including breast, bladder, ovarian, pancreatic, and colon cancers. ADNP mRNA is abundantly expressed in distinct normal tissues, and high expression levels were encountered in malignant cells. ADNP is implicated in maintaining cell survival, perhaps through modulation of p53. The encoded protein contains one homeobox and nine zinc finger domains, suggesting that it functions as a transcription factor.

Function:
Potential transcription factor. May mediate some of the neuroprotective peptide VIP-associated effects involving normal growth and cancer proliferation.

Subcellular Location:
Nucleus (Potential).

Tissue Specificity:
Widely expressed. Strong expression in heart, skeletal muscle, kidney and placenta. In brain, expression is stronger in the cerebellum and cortex regions. No expression detected in the colon. Strong increase of expression in colon and breast cancer tissues.

Similarity:
Contains 9 C2H2-type zinc fingers.
Contains 1 homeobox DNA-binding domain.

SWISS:
Q9H2P0

Gene ID:
23394

Database links:

Entrez Gene: 23394 Human

Omim: 611386 Human

SwissProt: Q9H2P0 Human

Unigene: 570355 Human

是一个潜在的 transcriptional regulatory factor，参与正常细胞与 Tumour 细胞的增殖调控。
广泛分布于大脑、小脑等组织，在肺、肾、小肠以及睾丸等组织也有微弱的表

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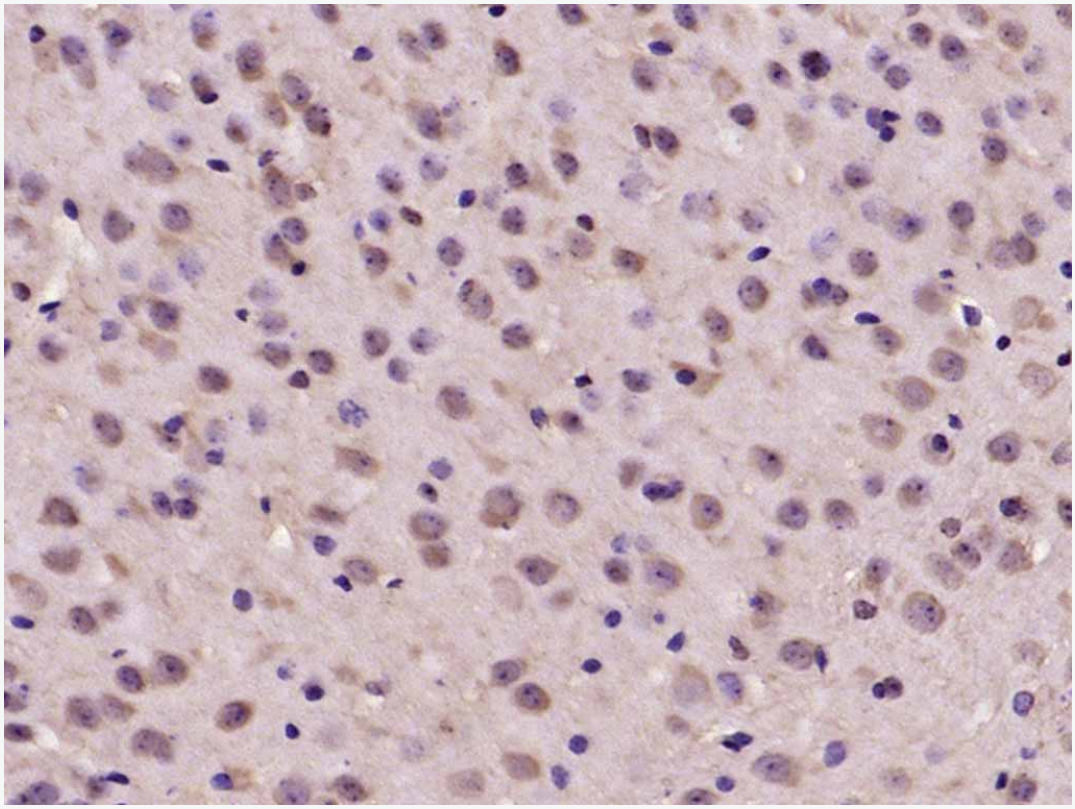
达。对体外培养的 glia 缺失神经元细胞有保护作用.

Product Picture



Paraformaldehyde-fixed, paraffin embedded (mouse brain); 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 (ADNP) Polyclonal Antibody, Unconjugated (SL0039R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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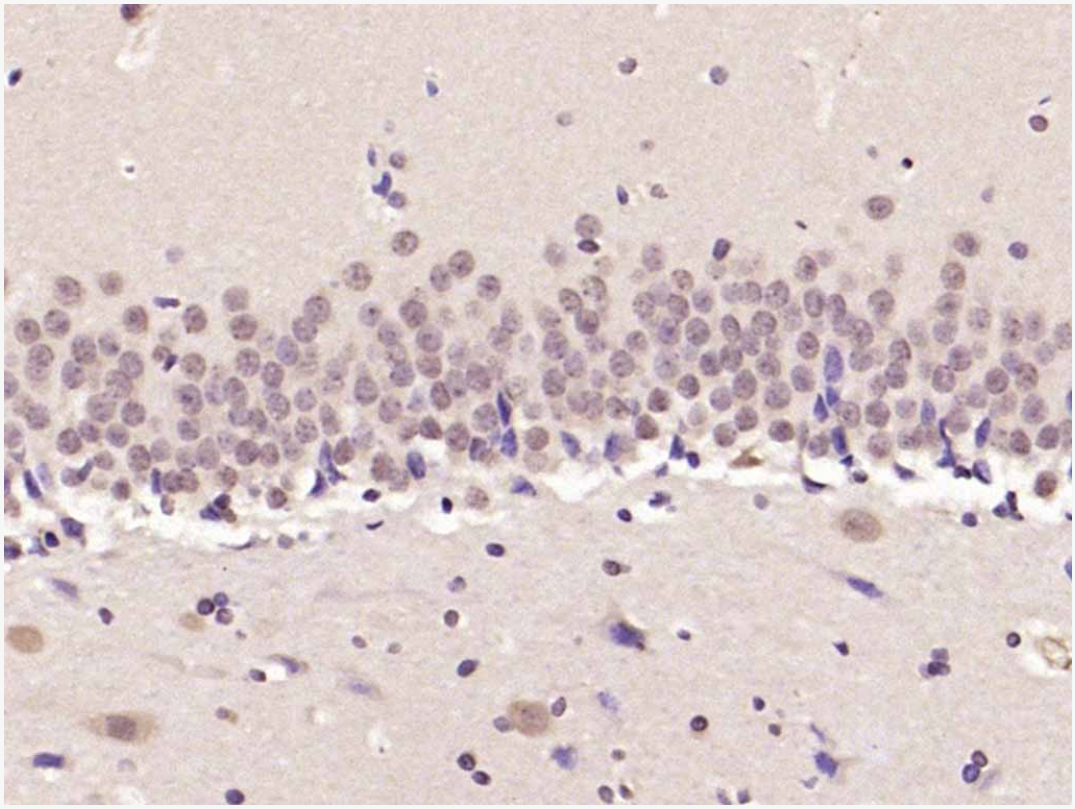

Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ADNP) Polyclonal Antibody, Unconjugated (SL0039R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.