



## Rabbit Anti-NPTX1 antibody

SL4893R

<b>Product Name:</b>	NPTX1
<b>Chinese Name:</b>	神经细胞正五聚体1抗体
<b>Alias:</b>	Neuronal pentraxin I; Neuronal pentraxin-1; NP 1; NP-I; NP1; Nptx1; NPTX1_HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	45kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human NPTX1:201-300/432
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>NPTX1 is a member of the neuronal pentraxin gene family. Neuronal pentraxin 1 is similar to the rat NP1 gene which encodes a binding protein for the snake venom toxin taipoxin. Human NPTX1 mRNA is exclusively localized to the nervous system.</p> <p><b>Function:</b> May mediate uptake of degraded synaptic material which could play an important role</p>

in synaptic remodeling. Can mediate the neuronal and glial uptake of the snake venom toxin taipoxin.

**Subcellular Location:**

Cytoplasmic vesicle, secretory vesicle (Potential).

**Similarity:**

Contains 1 pentaxin domain.

**SWISS:**

Q15818

**Gene ID:**

4884

**Database links:**

[Entrez Gene: 4884](#) Human

[Entrez Gene: 18164](#) Mouse

[Entrez Gene: 266777](#) Rat

[Omim: 602367](#) Human

[SwissProt: Q15818](#) Human

[SwissProt: Q62443](#) Mouse

[SwissProt: P47971](#) Rat

[Unigene: 514556](#) Human

[Unigene: 719680](#) Human

[Unigene: 5142](#) Mouse

[Unigene: 54707](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.