



## Rabbit Anti-phospho-NPTX1 (Tyr344) antibody

SL5527R

<b>Product Name:</b>	phospho-NPTX1 (Tyr344)
<b>Chinese Name:</b>	磷酸化神经细胞正五聚体1抗体
<b>Alias:</b>	NPTX1(phospho Tyr344); NPTX1(phospho Y344); 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,Dog,Pig,Cow,Horse,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=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>	Secretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated Synthesised phosphopeptide derived from human NPTX1 around the phosphorylation site of Tyr344:AP(p-Y)HP
<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>	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.

**Function:**

May mediate uptake of degraded synaptic material which could play an important role in synaptic remodeling. Can mediate the neuronal and glial uptake of the snake venom toxin taipoxin (By similarity).

**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

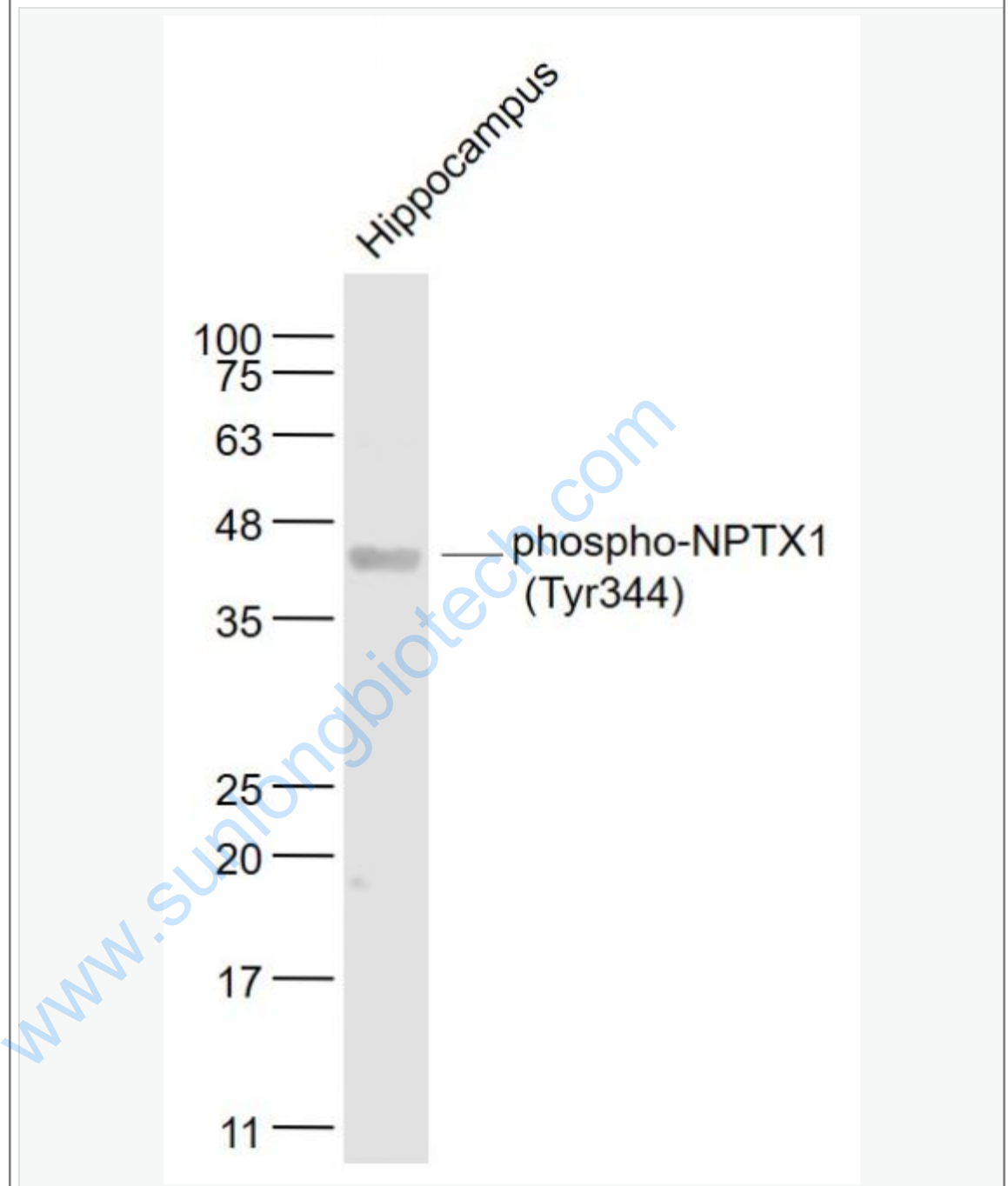
[Unigene: 5142](#) Mouse

[Unigene: 54707](#) Rat

**Important Note:**

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

Picture:



Sample:

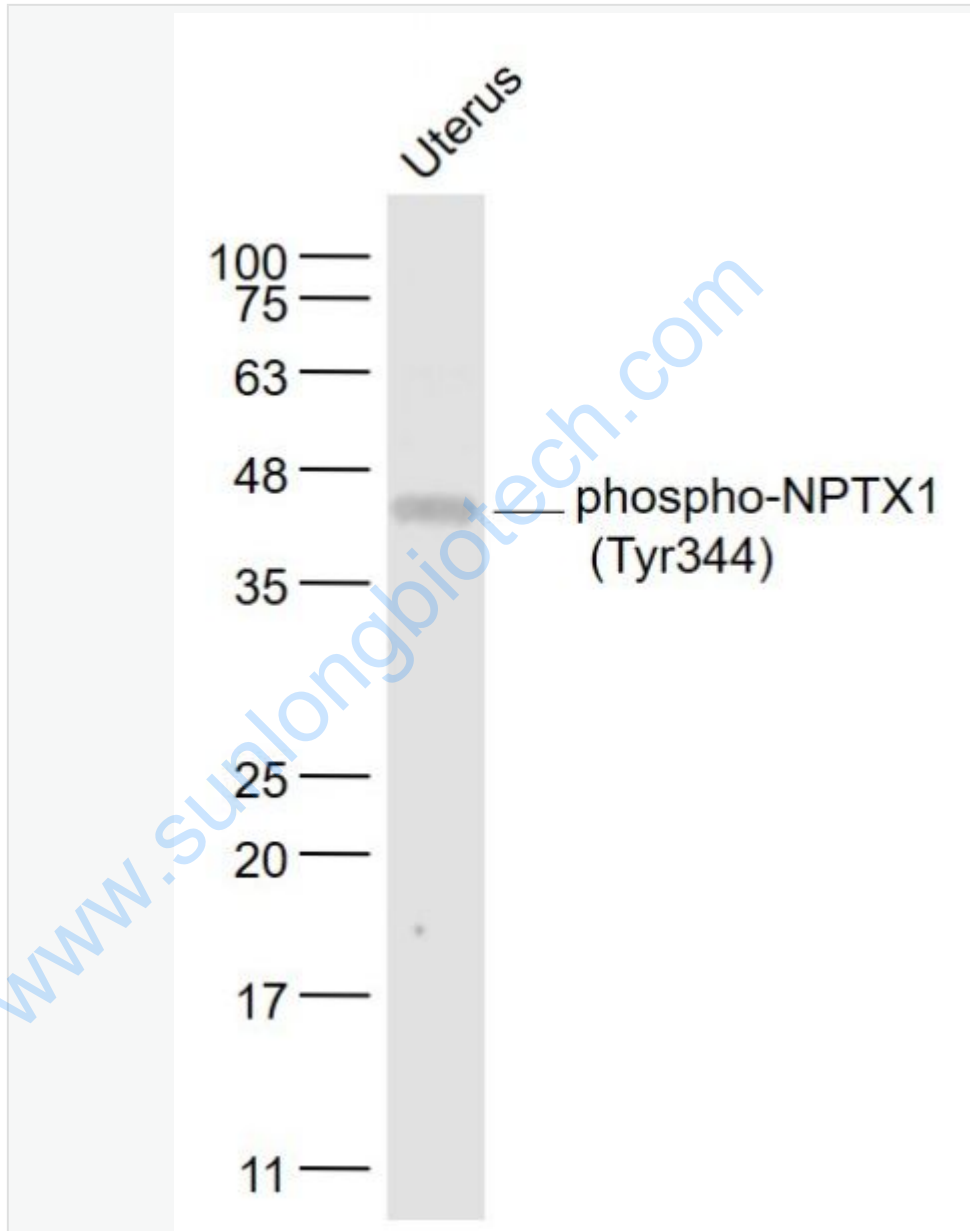
Hippocampus (Mouse) Lysate at 40 ug

Primary: Anti- phospho-NPTX1 (Tyr344) (SL5527R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 45 kD

Observed band size: 45 kD



Sample:

Uterus (Mouse) Lysate at 40 ug

Primary: Anti- phospho-NPTX1 (Tyr344) (SL5527R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 45 kD

Observed band size: 45 kD

[www.sunlongbiotech.com](http://www.sunlongbiotech.com)