

## NP1(Nptx1) Blocking Peptide (Center)

Synthetic peptide Catalog # BP7272c

## **Specification**

## NP1(Nptx1) Blocking Peptide (Center) - Product Information

Primary Accession P47971

Other Accession Q62443, NP\_714957

## NP1(Nptx1) Blocking Peptide (Center) - Additional Information

**Gene ID 266777** 

#### **Other Names**

Neuronal pentraxin-1, NP1, 47 kDa taipoxin-binding protein, Neuronal pentraxin I, NP-I, Nptx1

## Target/Specificity

The synthetic peptide sequence is selected from aa 189-203 of RAT Nptx1

#### **Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

#### **Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

### NP1(Nptx1) Blocking Peptide (Center) - Protein Information

### Name Nptx1

### **Function**

May be involved in mediating uptake of synaptic material during synapse remodeling or in mediating the synaptic clustering of AMPA glutamate receptors at a subset of excitatory synapses.

### **Cellular Location**

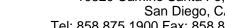
Secreted {ECO:0000250|UniProtKB:Q15818}. Cytoplasmic vesicle, secretory vesicle. Endoplasmic reticulum

### **Tissue Location**

Cerebellum, hippocampus and cerebral cortex.

# NP1(Nptx1) Blocking Peptide (Center) - Protocols







Provided below are standard protocols that you may find useful for product applications.

# • Blocking Peptides

NP1(Nptx1) Blocking Peptide (Center) - Images

NP1(Nptx1) Blocking Peptide (Center) - Background

NPTX1 is a member of the neuronal pentraxin family. Human neuronal pentraxin 1 is similar to rat NP1 which is a binding protein for the snake venom toxin taipoxin.

NP1(Nptx1) Blocking Peptide (Center) - References

Hossain, M.A., J. Neurosci. 24 (17), 4187-4196 (2004) Schlimgen, A.K., Neuron 14 (3), 519-526 (1995)