

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)