

NPTX1-Y344 Antibody Blocking Peptide
Synthetic peptide
Catalog # BP7272d**Specification**

NPTX1-Y344 Antibody Blocking Peptide - Product InformationPrimary Accession [Q15818](#)**NPTX1-Y344 Antibody Blocking Peptide - Additional Information****Gene ID** 4884**Other Names**

Neuronal pentraxin-1, NP1, Neuronal pentraxin I, NP-I, 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.

NPTX1-Y344 Antibody Blocking Peptide - 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. Cytoplasmic vesicle, secretory vesicle {ECO:0000269|PubMed:34788392, ECO:0000305}. Endoplasmic reticulum {ECO:0000269|PubMed:34788392, ECO:0000305}

NPTX1-Y344 Antibody Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

NPTX1-Y344 Antibody Blocking Peptide - Images**NPTX1-Y344 Antibody Blocking Peptide - 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.

NPTX1-Y344 Antibody Blocking Peptide - References

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