

C22orf39 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16225a**Specification**

C22orf39 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q6P5X5](#)
Other Accession [NP_776154.3](#)

C22orf39 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 128977

Other Names

UPF0545 protein C22orf39, C22orf39

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.

C22orf39 Antibody (N-term) Blocking Peptide - Protein Information

Name C22orf39

Function

Negatively regulates long-term potentiation and modulates adult synaptic plasticity. Stabilizes the interaction of RTN4 isoform A/Nogo-A with its receptors, inhibiting clustering of postsynaptic AMPA receptors at synaptic sites. Upon neuronal stimulation, degraded at synapses, reducing RTN4 signaling and allowing AMPA receptor clustering at individual synapses.

Cellular Location

Synapse {ECO:0000250|UniProtKB:Q3U595}. Synaptic cleft {ECO:0000250|UniProtKB:Q3U595}. Note=Detected in both the presynaptic and postsynaptic regions of the synapse and is secreted from neurons into the synaptic cleft. May be released by neuronal dense core vesicles which mediate the release of cleaved neuropeptides {ECO:0000250|UniProtKB:Q3U595}

C22orf39 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

C22orf39 Antibody (N-term) Blocking Peptide - Images