

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

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**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**