

Product datasheet

Neuroigin 1 peptide (669-678) ab45792

Overview

Product name Neuroigin 1 peptide (669-678)

Description

Nature Synthetic

Amino Acid Sequence

Species Human

Sequence C-TAKQDDPKQQ

Amino acids 669 to 678

Specifications

Our [Abpromise guarantee](#) covers the use of **ab45792** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications Blocking - Blocking peptide for Anti-Neuroigin 1 antibody ([ab36131](#))

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

General Info

Function Neuronal cell surface protein thought to be involved in cell-cell-interactions by forming intercellular junctions through binding to beta-neurexins. Seems to play role in formation or maintenance of synaptic junctions. In vitro, triggers the de novo formation of presynaptic structures. May be involved in specification of excitatory synapses.

Tissue specificity Expressed in the blood vessel walls (at protein level).

Sequence similarities Belongs to the type-B carboxylesterase/lipase family.

Cellular localization Cell membrane. Cell junction > synapse. Cell junction > synapse > postsynaptic cell membrane > postsynaptic density. Enriched in synaptic plasma membranes and clustered in synaptic clefts and postsynaptic densities.

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