

Product datasheet

Anti-Neuroigin 1 antibody ab36131

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Overview

Product name	Anti-Neuroigin 1 antibody
Description	Goat polyclonal to Neuroigin 1
	<p>ⓘ This product is a fast track antibody. It has been affinity purified and shows high titre values against the immunizing peptide by ELISA. Read the terms of use »</p>
Host species	Goat
Species reactivity	Predicted to work with: Mouse, Rat, Dog, Human ▲
Immunogen	<p>Synthetic peptide: TAKQDDPKQQ , corresponding to Internal sequence amino acids 669-678 of Human Neuroigin 1</p> <p style="text-align: right;"> Run BLAST with Run BLAST with </p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	<p>Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris saline. pH 7.3</p>
Purity	Immunogen affinity purified
Purification notes	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Clonality	Polyclonal
Isotype	IgG

Applications

Application notes	This antibody gave a positive result in ELISA against the immunizing peptide. Antibody detection limit dilution 1:4,000.
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Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

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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