



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Anti-Neuroigin 3 Antibody [S110-29]

Mouse Anti-Rat Neuroigin 3 Monoclonal IgG1
Catalog No. SMC-471



Discovery through partnership | Excellence through quality

Overview

Product Name

Neuroigin 3 Antibody

Description

Mouse Anti-Rat Neuroigin 3 Monoclonal IgG1

Species Reactivity

Human, Mouse, Rat

Applications

WB, IHC, ICC/IF

Antibody Dilution

WB (1:1000); optimal dilutions for assays should be determined by the user.

Host Species

Mouse

Immunogen Species

Rat

Immunogen

Fusion protein amino acids 730-848 (intracellular C-terminus) of rat Neuroigin-3. Mouse: 99% identity (118/119 amino acids identical). Human: 98% identity (116/119 amino acids identical) ~60% identity with Neuroigin-1. ~40% identity with Neuroigin-2.

Concentration

1 mg/ml

Conjugates

Alkaline Phosphatase, APC, ATTO 390, ATTO 488, ATTO 565, ATTO 594, ATTO 633, ATTO 655, ATTO 680, ATTO 700, Biotin, FITC, HRP, PE/ATTO 594, PerCP, RPE, Streptavidin, Unconjugated

Properties

Storage Buffer

PBS pH 7.4, 50% glycerol, 0.1% sodium azide

Storage Temperature

-20°C

Shipping Temperature

Blue Ice or 4°C

Purification

Protein G Purified

Clonality

Monoclonal

Clone Number

S110-29

Isotype

IgG1

Specificity

Detects ~110kDa. Does not cross-react with Neuroligin-1, -2, -4 or -4.

Cite This Product

Mouse Anti-Rat Neuroligin 3 Monoclonal, Clone S110-29 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SMC-471)

Certificate Of Analysis

1 µg/ml of SMC-471 was sufficient for detection of Neuroligin 3 in 20 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.

Biological Description

Alternative Names

Gliotactin homolog Antibody, Neuroligin-3 Antibody, Nlgn3 Antibody, NLGN3_HUMAN Antibody

Research Areas

Cell Structure, Neuroscience, Post-Synaptic Markers

Cellular Localization

Cell Junction, Cell membrane, Synapse

Accession Number

AAA97871

Gene ID

171297

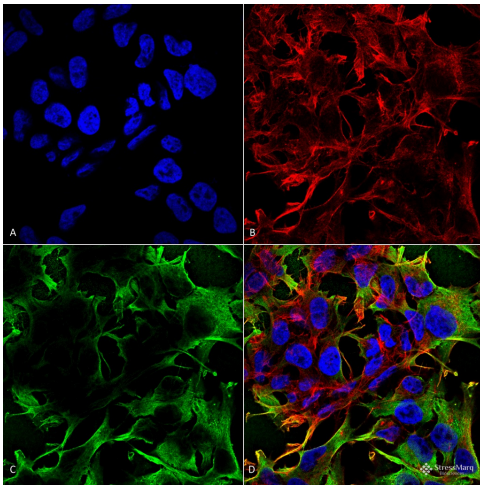
Swiss Prot

Q62889

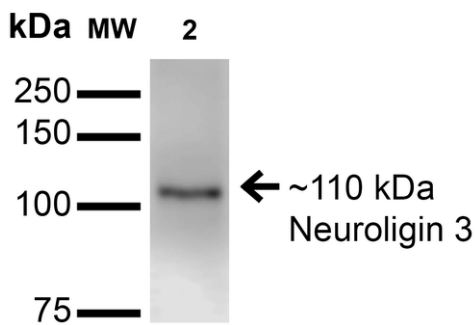
Scientific Background

Neuroligins are Type I membrane proteins enriched in synaptic plasma membranes and clustered in synaptic clefts and postsynaptic densities. They have been characterized as neuronal cell surface proteins and are thought to be involved in cell-cell interactions by forming intercellular junctions through binding to beta-neurexins. They play a major role in the formation or maintenance of synaptic junctions. They are also thought to be involved in the specification of excitatory synapses. Neuroligins interact with beta-neurexins and this interaction is involved in the formation of functional synapses.

Product Images



Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Neurologlin 3 Monoclonal Antibody, Clone S110-29 (SMC-471). Tissue: Neuroblastoma cell line SK-N-BE. Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-Neurologlin 3 Monoclonal Antibody (SMC-471) at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60min RT, 5min RT. Localization: Cell Membrane, Cell Junction, Synapse . Magnification: 60X. (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) Neurologlin 3 Antibody (D) Composite.



Western Blot analysis of Mouse Brain Membrane showing detection of ~110 kDa Neurologlin 3 protein using Mouse Anti-Neurologlin 3 Monoclonal Antibody, Clone S110-29 (SMC-471). Lane 1: Molecular Weight Ladder. Lane 2: Mouse Brain Membrane. Load: 15 μ g . Block: 2% BSA and 2% Skim Milk in 1X TBST. Primary Antibody: Mouse Anti-Neurologlin 3 Monoclonal Antibody (SMC-471) at 1:200 for 16 hours at 4°C. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:1000 for 1 hour RT. Color Development: ECL solution for 6 min in RT. Predicted/Observed Size: ~110 kDa.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.