



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-Ankyrin G Antibody [S106-20]

Mouse Anti-Human Ankyrin G Monoclonal IgG1
Catalog No. SMC-404



Discovery through partnership | Excellence through quality

Overview

Product Name

Ankyrin G Antibody

Description

Mouse Anti-Human Ankyrin G Monoclonal IgG1

Species Reactivity

Human, Mouse, Rat

Applications

WB

Antibody Dilution

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

Host Species

Mouse

Immunogen Species

Human

Immunogen

Fusion protein 1000 C-terminal amino acids of human Ankyrin G encompassing all of Ankyrin G with the exception of Ankyrin repeats

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 pH7.4, 50% glycerol, 0.09% sodium azide

Storage Temperature

-20°C

Shipping Temperature

Blue Ice or 4°C

Purification

Protein G Purified

Clonality

Monoclonal

Clone Number

S106-20

Isotype

IgG1

Specificity

Detects >~200kDa.

Cite This Product

Mouse Anti-Human Ankyrin G Monoclonal, Clone S106-20 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SMC-404)

Certificate Of Analysis

1 µg/ml of SMC-404 was sufficient for detection of Ankyrin-G in 20 µg of rat brain membrane lysate and assayed by colorimetric immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody.

Biological Description

Alternative Names

ANK-3 Antibody, ANK3 Antibody, ankyrin 3 Antibody, Ankyrin G119 Antibody, brain specific ankyrin G Antibody, CHANK3 Antibody, ankyrin 3 (G) Antibody, Ankyrin-3 Antibody, Ankyrin-G Antibody, node of Ranvier (ankyrin G) Antibody, Ankyrin 3 Antibody, node of Ranvier Antibody, Ankyrin G119 Antibody, FLJ45464 Antibody, OTTHUMP00000217458 Antibody, OTTHUMP00000217575 Antibody, RP11 369L1.1 Antibody

Research Areas

Cell Structure, Membrane Markers, Neuroscience

Cellular Localization

Cytoplasm, Axon, Cell Junction, Cell membrane, Cell projection, Cytoskeleton, Lysosome, Postsynaptic cell membrane, Sarcolemma, Synapse

Accession Number

NP_066267.2

Gene ID

288

Swiss Prot

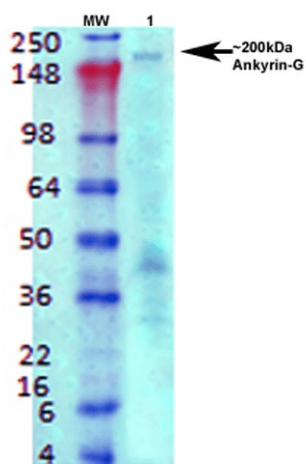
Q12955

Scientific Background

Ankyrins are a family of adaptor proteins that mediate the attachment of integral membrane proteins to the spectrin-actin based membrane skeleton (1). Ankyrins have binding sites for the beta subunit of spectrin and at least 12 families of integral membrane proteins. This linkage is required to maintain the integrity of the plasma membranes and to anchor specific ion channels, ion exchangers and ion transporters in the plasma membrane.

References

Product Images



Western Blot analysis of Rat brain membrane lysate showing detection of Ankyrin G protein using Mouse Anti-Ankyrin G Monoclonal Antibody, Clone S106-20 (SMC-404). Primary Antibody: Mouse Anti-Ankyrin G Monoclonal Antibody (SMC-404) at 1:1000.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.