



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-Piccolo Antibody [6H9-B6]

Mouse Anti-Mouse Piccolo Monoclonal IgG2b Kappa
Catalog No. SMC-188



Discovery through partnership | Excellence through quality

Overview

Product Name

Piccolo Antibody

Description

Mouse Anti-Mouse Piccolo Monoclonal IgG2b Kappa

Species Reactivity

Human, Mouse, Rat

Applications

WB, ICC/IF, ELISA

Antibody Dilution

WB (1:1000), ICC/IF (1:100); optimal dilutions for assays should be determined by the user.

Host Species

Mouse

Immunogen Species

Mouse

Immunogen

Full length protein, BC001304.1

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

6H9-B6

Isotype

IgG2b Kappa

Specificity

Detects ~550kDa. No cross-reactivity to Bassoon.

Cite This Product

Mouse Anti-Mouse Piccolo Monoclonal, Clone 6H9-B6 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SMC-188)

Certificate Of Analysis

1 µg/ml of SMC-188 was sufficient for detection of Piccolo in 20 µg of rat brain tissue lysate by colorimetric immunoblot analysis using goat anti mouse IgG:HRP as the secondary antibody.

Biological Description

Alternative Names

ACZ Antibody, Aczonin Antibody, PCLO Antibody, Pico Antibody, presynaptic cytomatrix protein Antibody

Research Areas

Cell Structure, Neuroscience, Pre-Synaptic Markers

Cellular Localization

Cell Junction, Synapse

Accession Number

NP_001104266.1

Gene ID

26875

Swiss Prot

Q9QYX7

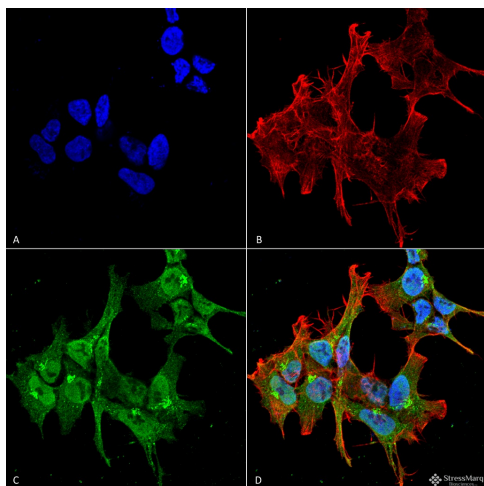
Scientific Background

Piccolo, also referred to as Aczonin, is a large protein which consists of an N-terminal Zn²⁺ finger, several piccolo-bassoon homology domains and C-terminal PDZ and C2 domains (1, 2). In general it is found together with bassoon, a related huge multi-domain protein of the CAZ (cytoskeletal matric assembled at active zones) (3). Piccolo is a scaffolding protein for proteins involved in endo- and exocytosis of synaptic vesicles. Piccolo has also been shown to interfere with clathrin mediated endocytosis by binding to the F-actin and dynamin binding protein Abp1 (2).

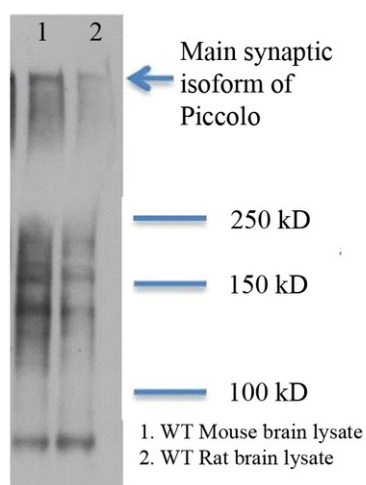
References

1. Gerber S.H., Garcia J., Rizo J., Sudhof T.C. (2001) EMBO J. 20(7): 1605-1619.
 2. Wang X., et al. (1999) J Cell Biol. 147(1): 151-162.
 3. Dresbach T., et al. (2006) J Biol Chem. 281(9):6038-6047.
-

Product Images



Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Piccolo Monoclonal Antibody, Clone 6H9-B6 (SMC-188). Tissue: Neuroblastoma cell line SK-N-BE. Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-Piccolo Monoclonal Antibody (SMC-188) 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: Cytoplasm, Endoplasmic Reticulum, Nucleus. Magnification: 60X. (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) Piccolo Antibody (D) Composite.



Western Blot analysis of Rat and mouse brain lysates showing detection of Piccolo protein using Mouse Anti-Piccolo Monoclonal Antibody, Clone 6H9-B6 (SMC-188). Primary Antibody: Mouse Anti-Piccolo Monoclonal Antibody (SMC-188) at 1:1000. (1) Mouse brain lysate; (2) Rat brain lysate.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.