

For Research Use Only

Piccolo Polyclonal antibody

Catalog Number: 18156-1-AP



Basic Information

Catalog Number:

18156-1-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12952

GenBank Accession Number:

BC001304

GeneID (NCBI):

27445

UNIPROT ID:

Q9Y6V0

Full Name:

piccolo (presynaptic cytomatrix protein)

Calculated MW:

553 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF 1:50-1:500

Applications

Tested Applications:

IF-P, ELISA

Species Specificity:

human, mouse

Positive Controls:

IF : mouse brain tissue,

Background Information

Piccolo is a presynaptic scaffolding protein of the cytomatrix assembled at the active zone (AZ). AZ is a special region of the presynaptic plasma membrane where synaptic vesicles (SVs) fuse. It has been shown that Piccolo affects presynaptic function by negatively regulating SV exocytosis (PMID: 18519737).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

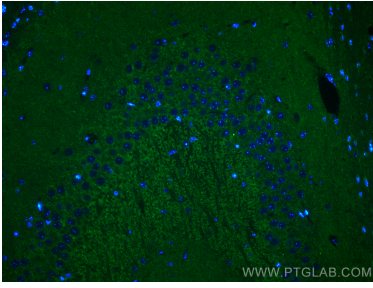
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using Piccolo antibody (18156-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).