

For Research Use Only

Piccolo Polyclonal antibody

Catalog Number: 18156-1-AP



Basic Information

Catalog Number: 18156-1-AP	GenBank Accession Number: BC001304	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 193 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 27445	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: piccolo (presynaptic cytomatrix protein)	
Isotype: IgG	Calculated MW: 553 kDa	
Immunogen Catalog Number: AG12952		

Applications

Tested Applications: IF, ELISA	Positive Controls: IF : mouse brain tissue,
Species Specificity: human, mouse	

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

*** 20ul sizes contain 0.1% BSA

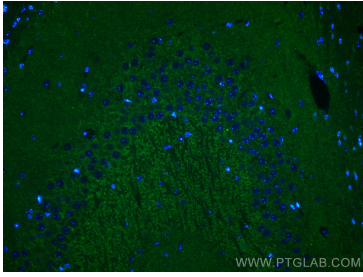
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Selected Validation Data



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).