

For Research Use Only



CoraLite® Plus 488-conjugated PSD95-Specific,DLG4 Polyclonal antibody

Catalog Number:CL488-20665

Featured Product

Basic Information

Catalog Number: CL488-20665	GenBank Accession Number: NM_001365	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1742	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: discs, large homolog 4 (Drosophila)	Excitation/Emission maximum wavelengths: 493 nm / 522 nm
Isotype: IgG	Calculated MW: 85 kDa	
	Observed MW: 90-95 kDa	

Applications

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

Background Information

PSD-95 (postsynaptic density protein 95) also known as SAP-90 (synapse-associated protein 90) is a protein that in humans is encoded by the DLG4 (disks large homolog 4) gene. PSD-95 is a scaffolding protein of the MAGUK protein family, and engages in several vital protein-protein interactions in the brain with its PDZ domains. It has been suggested that PSD-95 is composed of two supramodules, one of which is the PDZ1-2 tandem domain. It plays an important role in synaptic plasticity and the stabilization of synaptic changes during long-term potentiation. Observed MW of PSD95 is 90-95 kDa due to phosphorylation (PMID: 20682303).

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

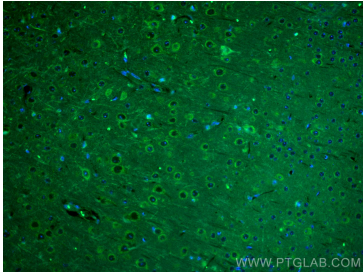
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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 CoralLite® Plus 488 PSD95-Specific, DLG4 antibody (CL488-20665) at dilution of 1:200.