

For Research Use Only



CoraLite® Plus 488-conjugated Syntaxin 1A / Syntaxin 1B Monoclonal antibody

Catalog Number: **CL488-66437**

Featured Product

Basic Information

Catalog Number: CL488-66437	GenBank Accession Number: BC062298	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 112755	CloneNo.: 2D3B5
Source: Mouse	UNIPROT ID: P61266	Recommended Dilutions: IF-P 1:50-1:500
Isotype: IgG1	Full Name: syntaxin 1B	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG10257	Calculated MW: 288 aa, 33 kDa	
	Observed MW: 33 kDa	

Applications

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

Background Information

Syntaxins are a family of transmembrane proteins that belong to the SNARE complex (PMID: 11737951). In conjunction with other SNAREs and with the cytoplasmic NSF and SNAP proteins, syntaxins mediate vesicle fusion in diverse vesicular transport processes along the exocytic and the endocytic pathway (PMID: 11737951). Syntaxin 1A and 1B, two closely related isoforms of syntaxin 1, are involved in synaptic vesicle docking and fusion during neurotransmitter release (PMID: 7690687; 1321498; 18691641).

Storage

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

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

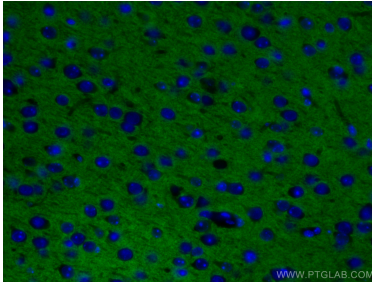
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite® Plus 488 Syntaxin 1A / Syntaxin 1B antibody (CL488-66437, Clone: 2D3B5) at dilution of 1:200.