

À des fins de recherche uniquement

Anticorps Monoclonal anti-Syntaxin 1A / Syntaxin 1B



Numéro de catalogue: 66437-1-Ig

Phare

8 Publications

Informations de base

| | | |
|----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------|
| Numéro de catalogue: 66437-1-Ig | Numéro d'acquisition GenBank: BC062298 | Méthode de purification: Purification par protéine A |
| Taille: 150ul, Concentration: 1000 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard; | Identification du gène (NCBI): 112755 syntaxin 1B | CloneNo.: 2D3B5 |
| Hôte: Mouse | Nom complet: syntaxin 1B | Dilutions recommandées: WB 1:5000-1:50000 IHC 1:2000-1:8000 IF 1:200-1:800 |
| Isotype: IgG1 | MW calculé: 288 aa, 33 kDa | |
| Immunogen Catalog Number: AG10257 | MW observés: 33 kDa, 55 kDa | |

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, Lapin, porc, rat, souris

Espèces citées:

Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu cérébral de porc, cellules Y79, tissu cérébral de lapin, tissu cérébral de rat, tissu cérébral de souris, tissu cérébral humain foetal

IHC : tissu cérébral de rat, tissu cérébral humain

IF : tissu cérébral de souris,

Informations générales

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). This antibody raised against 1-263 aa of human syntaxin 1B detects a ~33 kDa band of syntaxin 1 and an additional band of 55-60 kDa, which probably represents a syntaxin 1 dimer (PMID: 10100611).

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|---------------------|-----------|-----------------|-------------|
| Danyang Li | 36374725 | Neurotoxicology | WB |
| Dennis J Weingarten | 36261524 | Nature | WB |
| Nuomin Li | 36505063 | Front Physiol | WB |

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

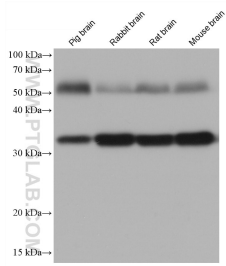
For technical support and original validation data for this product please contact:

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

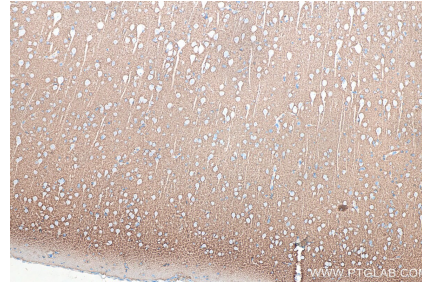
E: proteintech@ptglab.com
W: ptglab.com

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

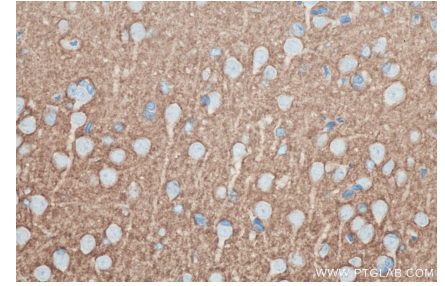
Données de validation sélectionnées



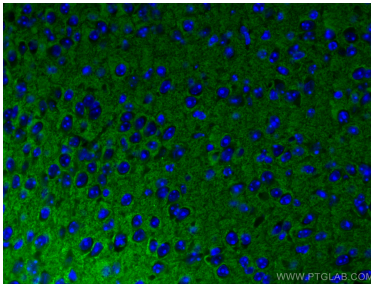
Various lysates were subjected to SDS PAGE followed by western blot with 66437-1-Ig (Syntaxin 1A / Syntaxin 1B antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 66437-1-Ig (Syntaxin 1A / Syntaxin 1B antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 66437-1-Ig (Syntaxin 1A / Syntaxin 1B antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using Syntaxin 1A / Syntaxin 1B antibody (66437-1-Ig, Clone: 2D3B5) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).