

À des fins de recherche uniquement

Anticorps Monoclonal anti-STXBP1

Numéro de catalogue: 67137-1-Ig **1 Publications**



Informations de base

Numéro de catalogue: 67137-1-Ig	Numéro d'acquisition GenBank: BC015749	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 2500 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 6812	CloneNo.: 1B5B3
Hôte: Mouse	Nom complet: syntaxin binding protein 1	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:500-1:2000 IF 1:200-1:800
Isotype: IgG2a	MW calculé: 594 aa, 68 kDa	
Immunogen Catalog Number: AG28605	MW observés: 68 kDa	

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain, porc, rat, souris

Espèces citées:
Humain

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 humain fœtal, cellules Y79, tissu cérébral de porc, tissu cérébral de rat, tissu cérébral de souris, tissu de cervelet de porc, tissu de cervelet de rat, tissu de cervelet de souris

IHC : tissu cérébral de souris, tissu de cervelet de souris

IF : tissu cérébral de souris,

Informations générales

STXBP1, also named as UNC18A, N-Sec1 and p67 belongs to the STXBP/unc-18/SEC1 family. STXBP1 may participate in the regulation of synaptic vesicle docking and fusion, possibly through interaction with GTP-binding proteins. It is essential for neurotransmission and binds syntaxin, a component of the synaptic vesicle fusion machinery probably in a 1:1 ratio. STXBP1 can interact with syntaxins 1, 2, and 3 but not syntaxin 4. It may play a role in determining the specificity of intracellular fusion reactions.

Publications notables

Autrice	Pubmed ID	Journal	Application
Xianping Wang	37443000	BMC Biol	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.

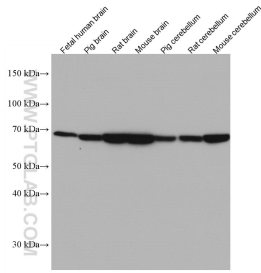
For technical support and original validation data for this product please contact:

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

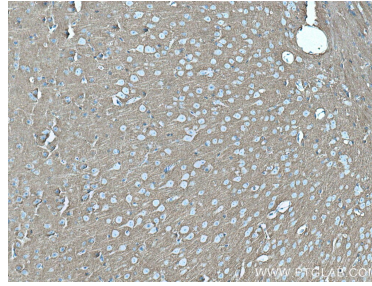
E: proteintech@ptglab.com
W: ptglab.com

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

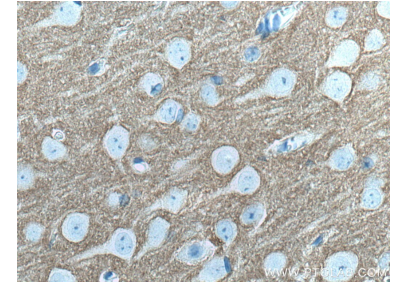
Données de validation sélectionnées



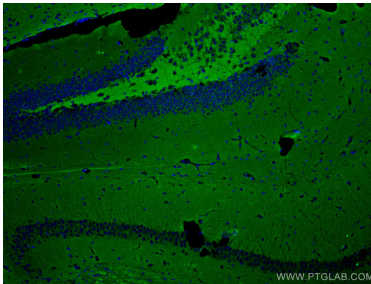
Various lysates were subjected to SDS PAGE followed by western blot with 67137-1-Ig (STXBP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



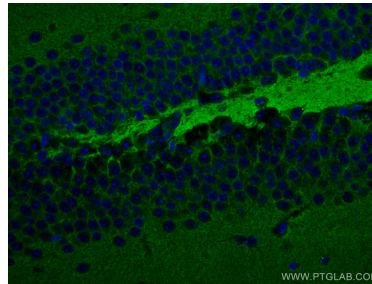
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67137-1-Ig (STXBP1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



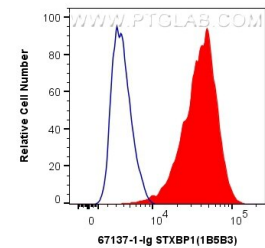
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67137-1-Ig (STXBP1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using STXBP1 antibody (67137-1-Ig, Clone: 1B5B3) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using STXBP1 antibody (67137-1-Ig, Clone: 1B5B3) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1×10^6 HeLa cells were intracellularly stained with 0.4 ug Anti-Human STXBP1 (67137-1-Ig, Clone: 1B5B3) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).