

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Syntaxin 12



Numéro de catalogue: 14259-1-AP

Phare

4 Publications

Informations de base

Numéro de catalogue:

14259-1-AP

Taille:

150ul, Concentration: 253 µg/ml by Nanodrop and 253 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG5532

Numéro d'acquisition GenBank:

BC046999

Identification du gène (NCBI):

23673

Nom complet:

syntaxin 12

MW calculé

32 kDa

MW observés:

33-39 kDa, 66 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:6000

IHC 1:50-1:500

IF 1:20-1:200

Applications

Applications testées:

FC, IF, IHC, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, 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 : cellules HEK-293, cellules BxPC-3, tissu cardiaque de souris, tissu cardiaque humain, tissu cérébral de souris, tissu cérébral humain, tissu rénal de souris

IHC : tissu de cancer du poumon humain, tissu cérébral de souris, tissu pancréatique humain, tissu rénal humain

IF : cellules HepG2,

Informations générales

Syntaxin 12 (STX12), also known as STX13 or STX14, is a 276 amino acid single-pass type IV membrane protein that belongs to the syntaxin family. It is a broadly and differentially expressed SNARE protein, highly enriched in brain tissue. STX12 is localized to early and recycling endosomes and is involved in the recycling of plasma membrane proteins. It also has a role in the trafficking of MMP during degradation of ECM substrates and subsequent cellular invasion. (PMID: 9507000; 9553086; 19910495) This antibody recognizes a major 39 kDa band of endogenous STX12. In some cases, two additional bands of 33 kDa and 66 kDa could also be detected, which most likely represent a degradation product and a SNARE complex respectively (PMID: 9817754).

Publications notables

Autrice	Pubmed ID	Journal	Application
Yajing Lv	33186350	PLoS Biol	WB
Hana Nůsková	37495107	J Biol Chem	WB
Lu Yubing Y	24095276	Mol Cell	WB,IF

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.

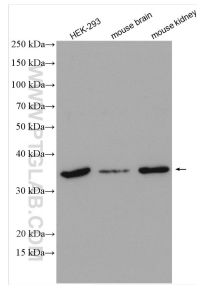
For technical support and original validation data for this product please contact:

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

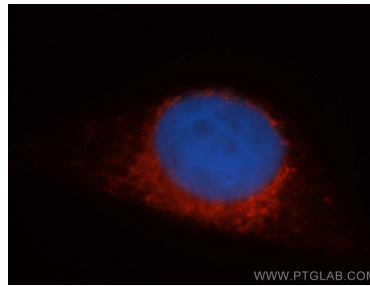
E: proteintech@ptglab.com
W: ptglab.com

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

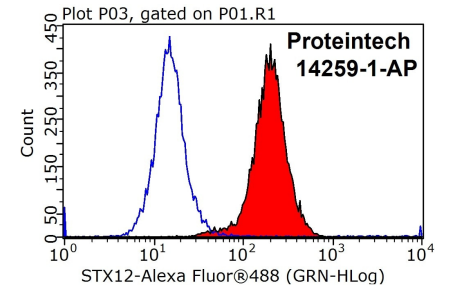
Données de validation sélectionnées



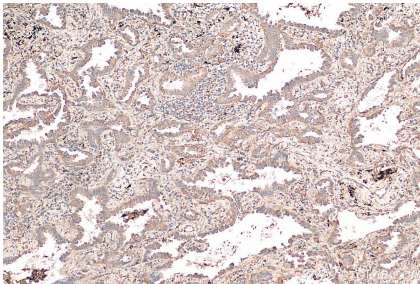
Various lysates were subjected to SDS PAGE followed by western blot with 14259-1-AP (Syntaxin 12 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



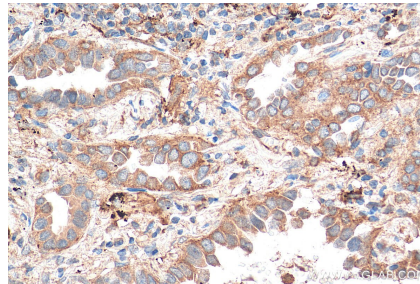
Immunofluorescent analysis of HepG2 cells, using STX12 antibody 14259-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



1X10⁶ HepG2 cells were stained with 0.2ug Syntaxin 12 antibody (14259-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:100.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 14259-1-AP (Syntaxin 12 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 14259-1-AP (Syntaxin 12 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).