

Nur für Forschungszwecke

Syntaxin 12 Polyklonaler Antikörper



Katalog-Nr.:14259-1-AP

Vorgestelltes Produkt

3 Publikationen

Allgemeine Informationen

Katalog-Nr.: 14259-1-AP	GenBank-Zugangsnummer: BC046999	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 253 µg/ml von Nanodrop und 253 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 23673	Empfohlene Verdünnungen: WB 1:1000-1:6000 IHC 1:50-1:500 IF 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: syntaxin 12	
Isotyp: IgG	Berechnete Masse: 32 kDa	
Immunogen Katalognummer: AG5532	Beobachtete Masse: 33-39 kDa, 66 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, WB, ELISA	Positivkontrollen: WB : HEK-293-Zellen, BxPC-3-Zellen, humanes Herzgewebe, humanes Hirngewebe, Mausherzgewebe, Maushirngewebe, Mausnierengewebe IHC : humanes Lungenkarzinomgewebe, humanes Nierengewebe, humanes Pankreasgewebe, Maushirngewebe IF : HepG2-Zellen,
In Publikationen genannte Anwendungen: IF, WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Human	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

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).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yajing Lv	33186350	PLoS Biol	WB
Lu Yubing Y	24095276	Mol Cell	WB,IF
Nazma Malik	31665227	Biochem J	WB

Lagerung

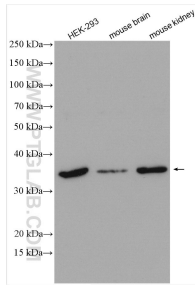
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

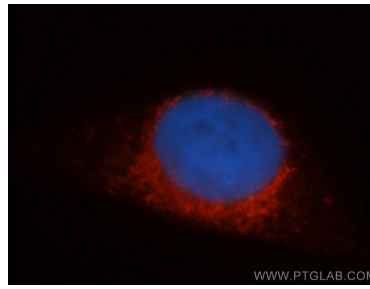
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

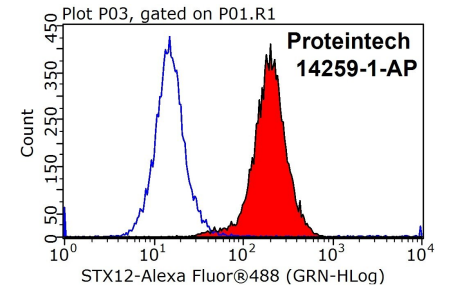
Ausgewählte Validierungsdaten



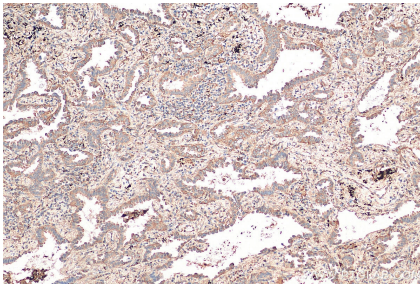
Various lysates were subjected to SDS PAGE followed by western blot with 14259-1-AP (Syntaxis 12 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



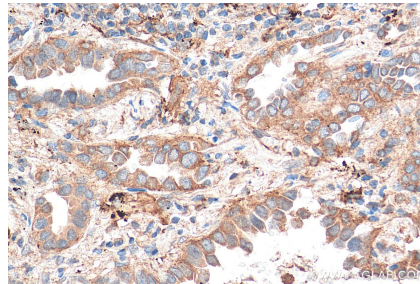
Immunofluorescent analysis of HepG2 cells, using STX12 antibody 14259-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



1X10⁶ HepG2 cells were stained with 0.2ug Syntaxis 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 (Syntaxis 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 (Syntaxis 12 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).