

For Research Use Only

Syntaxin 11 Polyclonal antibody

Catalog Number: 13301-1-AP

Featured Product

13 Publications



Basic Information

Catalog Number: 13301-1-AP	GenBank Accession Number: BC033519	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 333 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 8676	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500
Source: Rabbit	Full Name: syntaxin 11	
Isotype: IgG	Calculated MW: 287 aa, 33 kDa	
Immunogen Catalog Number: AG4097	Observed MW: 35 kDa	

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

IF, IHC, IP, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: human placenta tissue, DU 145 cells, human skeletal muscle tissue, Jurkat cells, LO2 cells, mouse lung tissue

IP: DU 145 cells,

IHC: human lymphoma tissue,

Background Information

Syntaxin 11 (STX11) belongs to the syntaxin family. It interacts with the SNARE proteins SNAP-23 and VAMP. STX11 behaves as an integral membrane protein despite the lack of a traditional transmembrane domain. The detection of STX11 in human cytotoxic lymphocytes suggests that this protein could play a role in the process leading to degranulation of secretory lysosomes (PMID:17525286).

Notable Publications

Author	Pubmed ID	Journal	Application
Frank Cichocki	24842371	J Exp Med	WB
Na-Ryum Bin	25795302	J Cell Sci	WB, IHC
Gaojian Zhang	35372814	iScience	WB, IHC, IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

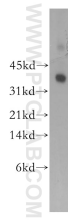
For technical support and original validation data for this product please contact:

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

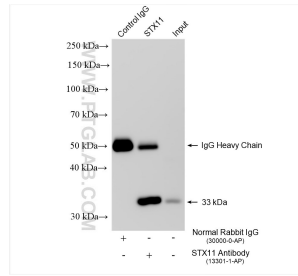
E: proteintech@ptglab.com
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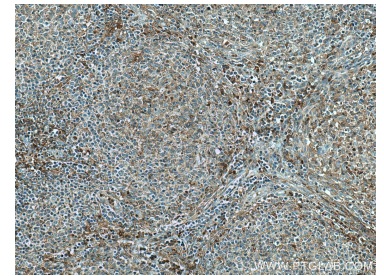
Selected Validation Data



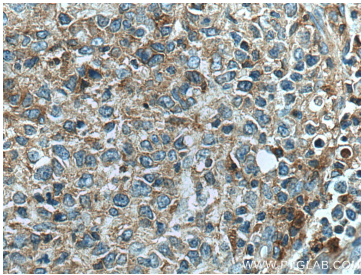
human placenta tissue were subjected to SDS PAGE followed by western blot with 13301-1-AP (Syntaxin 11 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



IP result of anti-Syntaxin 11(IP:13301-1-AP, 4ug; Detection:13301-1-AP 1:1000) with DU 145 cells lysate 1280 ug.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 13301-1-AP (Syntaxin 11 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 lymphoma tissue slide using 13301-1-AP (Syntaxin 11 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).