For Research Use Only

Syntaxin 11 Polyclonal antibody

Catalog Number:13301-1-AP Featured Product 20 Publications

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Basic Information

Catalog Number:
13301-1-AP

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG4097

GenBank Accession Number:
BC033519

GeneID (NCBI):
8676

UNIPROT ID:
O75558

Full Name:
syntaxin 11

Calculated MW:
287 aa, 33 kDa

Observed MW:
33-35 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:2000-1:16000
IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC: 1:50-1:500

Applications

Tested Applications:
WB, IHC, IP, ELISA

Cited Applications:
WB, IHC, IF, IP

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse, rat

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 : mouse lung tissue, DU 145 cells, human placenta tissue, human skeletal muscle tissue, Jurkat cells, L02 cells, mouse placenta tissue, rat 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

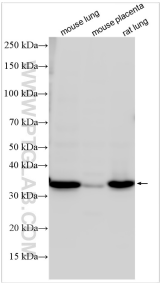
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

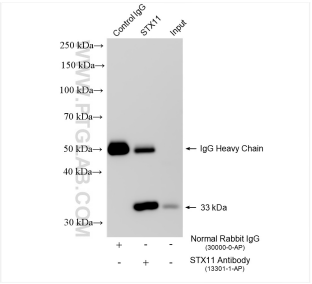
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

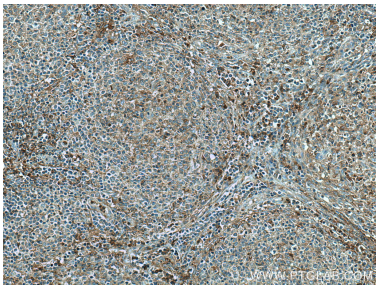
Selected Validation Data



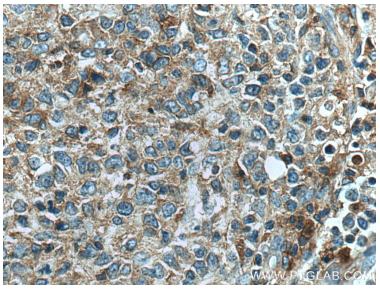
Various lysates were subjected to SDS PAGE followed by western blot with 13301-1-AP (Syntaxin 11 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



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).