

For Research Use Only

# Syntaxin 11 Polyclonal antibody

Catalog Number: 13301-1-AP

Featured Product

13 Publications



## Basic Information

**Catalog Number:**

13301-1-AP

**Size:**

333 µg/ml

**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:**

35 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## 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, L02 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

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

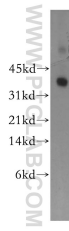
T: 4006900926

E: Proteintech-CN@ptglab.com

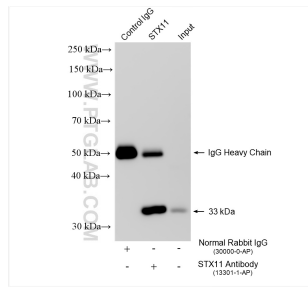
W: ptgcn.com

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

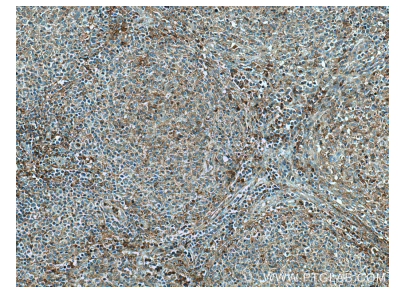
## Selected Validation Data



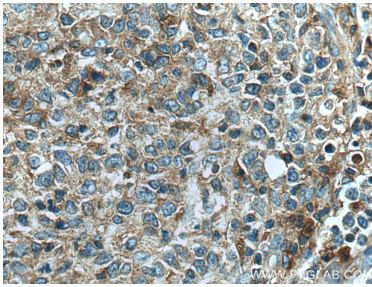
human placenta tissue were subjected to SDS PAGE followed by western blot with 13301-1-AP (Syntaxin 11 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



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).