

## 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:

WB, IP, IF, IHC

## 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

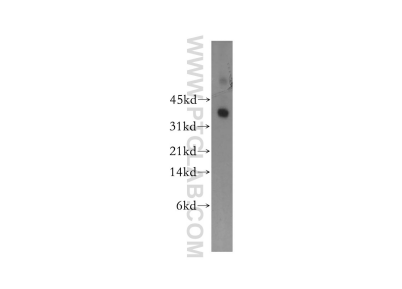
For technical support and original validation data for this product please contact:

T: 4006900926

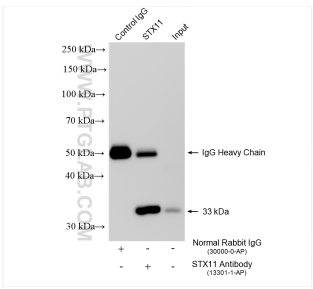
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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

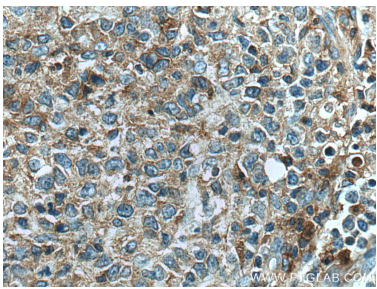
Selected Validation Data



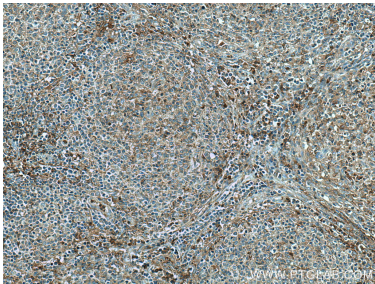
human placenta tissue were subjected to SDS PAGE followed by western blot with 13301-1-AP (Syntaxin 11 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



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 40x 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 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).