

For Research Use Only

Syntaxin 6 Polyclonal ANTIBODY



Catalog Number: 10841-1-AP

Featured Product

6 Publications

Basic Information

Catalog Number:
10841-1-AP

Size:
76 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:
AG1284

GenBank Accession Number:
BC009944

GeneID (NCBI):
10228

Full Name:
syntaxin 6

Calculated MW:
29 kDa

Observed MW:
32 kDa

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IHC 1:20-1:200

IF 1:20-1:200

Applications

Tested Applications:

IF, IHC, IP, WB, ELISA

Cited Applications:

IF, WB

Species Specificity:

human,mouse,rat

Cited Species:

mouse

Note: 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 brain tissue; human brain tissue, rat brain tissue

IP : mouse brain tissue;

IHC : human prostate cancer tissue;

IF : murine BM-DC; murine Spleen-DC

Background Information

Syntaxin-6 (STX6) is a SNARE protein located in the trans-Golgi network (TGN) and endosomes. It associates with a variety of SNARE proteins and is involved in intracellular vesicle trafficking. STX6 is required for sorting proteins from endosomes toward either the TGN or lysosomes.

Notable Publications

Author	Pubmed ID	Journal	Application
Joel Babdor	28319098	Nat Immunol	IF
Loredana Saveanu	19498108	Science	IF
Wang Lifan L	21337012	Protein Cell	

Storage

Storage:

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

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

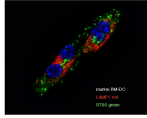
For technical support and original validation data for this product please contact:

T: 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

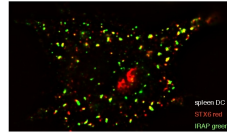
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Mouse spleen DC were stained with Rabbit anti-STX6 antibody (Proteolabs) 1:1000 followed by goat anti-Rabbit Alexa 594 (Molecular Probes) antibodies. Fixation method: PFA 4%. Permeabilization and coloration buffer: PBS4, 0.2% TritonX-100, 0.2% BSA. The secondary antibody for anti-STX6 mouse monoclonal antibody were goat anti-mouse Alexa 488.

IF result of anti-STX6(10841-1-AP) in Murine BM-DC by Dr. LOREDANA SAVEANU.

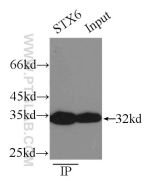


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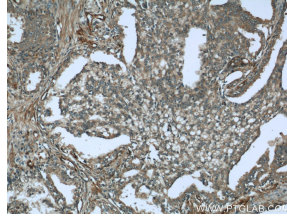
IF result of anti-STX6(10841-1-AP) in Murine Spleen-DC by Dr. LOREDANA SAVEANU.



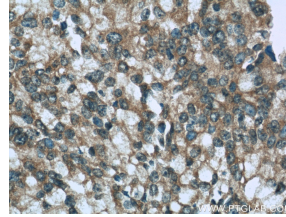
mouse brain tissue were subjected to SDS PAGE followed by western blot with 10841-1-AP(Syntaxin 6 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours



IP Result of anti-Syntaxin 6 (IP: 10841-1-AP; 3ug; Detection: 10841-1-AP 1:1000) with mouse brain tissue lysate 7000ug.



Immunohistochemistry of paraffin-embedded human prostate cancer tissue slide using 10841-1-AP(Syntaxin 6 antibody at dilution of 1:50 (under 10x lens)



Immunohistochemistry of paraffin-embedded human prostate cancer tissue slide using 10841-1-AP(Syntaxin 6 antibody at dilution of 1:50 (under 40x lens)