

For Research Use Only

Syntaxin 7 Polyclonal antibody

Catalog Number: 12322-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

12322-1-AP

Size:

850 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2975

GenBank Accession Number:

BC011975

GeneID (NCBI):

8417

UNIPROT ID:

O15400

Full Name:

syntaxin 7

Calculated MW:

261 aa, 30 kDa

Observed MW:

35-40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

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

IHC 1:50-1:500

IF 1:200-1:800

Applications

Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

Cited Applications:

CoIP, IF, IHC, WB

Species Specificity:

human, mouse, canine

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 : mouse spleen tissue, MDCK cells

IP : mouse heart tissue,

IHC : human medulloblastoma tissue,

IF : A549 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Yunshu Zhu	37760841	Biomedicines	IHC
Sara Bilekova	37691832	Front Cell Dev Biol	CoIP
Hana Nůsková	37495107	J Biol Chem	WB

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

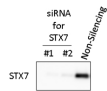
E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

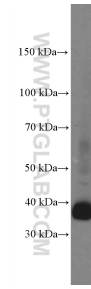
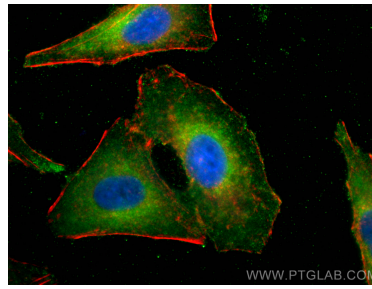
Selected Validation Data

The data checking STX7 antibody was shown as a successful example.



MDCK cells were transfected with each indicated siRNAs
Whole cell lysates were analyzed by WB using 1/500 diluted anti-STX7 (PTG, 12322-1-AP)
anti-STX7 (PTG, 12322-1-AP) is excellent.

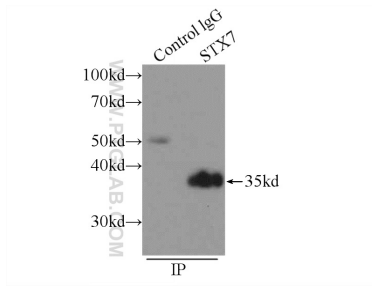
Kazunari Yamashita



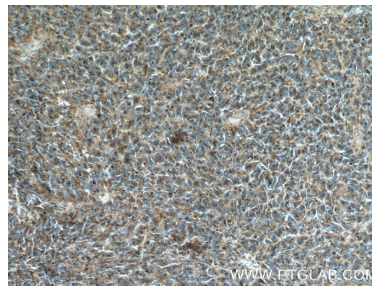
siRNA result of 12322-1-AP (anti-STX7) by
Dr.Kazunari Yamashita.

Immunofluorescent analysis of (-20°C Ethanol)
fixed A549 cells using Syntaxin 7 antibody (12322-
1-AP) at dilution of 1:400 and CoraLite® 488-
Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L),
CL594-Phalloidin (red).

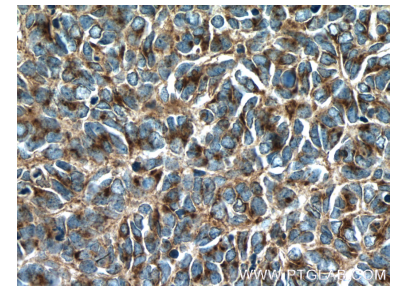
mouse spleen tissue were subjected to SDS PAGE
followed by western blot with 12322-1-AP
(Syntaxin 7 antibody at dilution of 1:4000
incubated at room temperature for 1.5 hours.



IP result of anti-Syntaxin 7 (IP:12322-1-AP, 3ug;
Detection:12322-1-AP 1:800) with mouse heart
tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-
embedded human medulloblastoma tissue slide
using 12322-1-AP (Syntaxin 7 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 medulloblastoma tissue slide
using 12322-1-AP (Syntaxin 7 antibody at dilution
of 1:200 (under 40x lens). Heat mediated antigen
retrieval with Tris-EDTA buffer (pH 9.0).