

For Research Use Only

Syntaxin 7 Polyclonal antibody

Catalog Number: 12322-1-AP

Featured Product

12 Publications



Basic Information

Catalog Number:

12322-1-AP

Size:

150ul, Concentration: 850 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

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 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IF, CoIP

Species Specificity:

human, mouse, canine

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 spleen tissue, MDCK cells

IP : mouse heart tissue,

IHC : human medulloblastoma tissue,

IF/ICC : A549 cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Lin Yu	39746094	PLoS Pathog	
Arindam Bhattacharjee	39433126	J Biol Chem	WB
Nicholas Norris	39320956	Diabetes	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

*** 20ul sizes contain 0.1% BSA

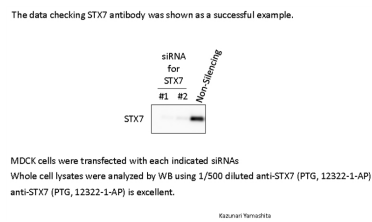
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

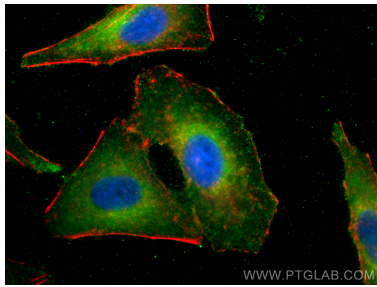
E: proteintech@ptglab.com
W: ptglab.com

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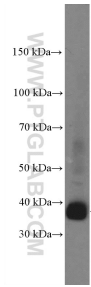
Selected Validation Data



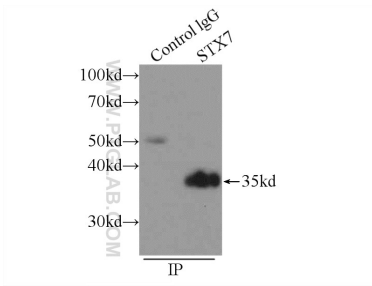
siRNA result of 12322-1-AP (anti-STX7) by Dr.Kazunari Yamashita.



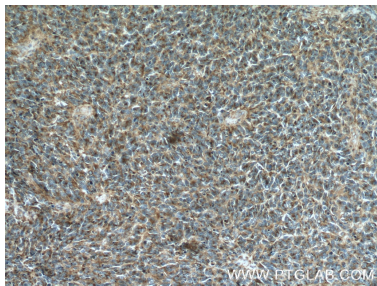
Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using Syntaxis 7 antibody (12322-1-AP) at dilution of 1:400 and Coralite@488-Conjugated Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



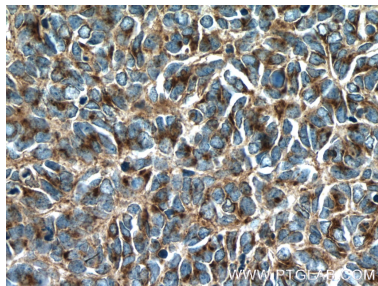
mouse spleen tissue were subjected to SDS PAGE followed by western blot with 12322-1-AP (Syntaxis 7 antibody at dilution of 1:4000 incubated at room temperature for 1.5 hours.



IP result of anti-Syntaxis 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 (Syntaxis 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 (Syntaxis 7 antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).