

For Research Use Only

Syntaxin 7 Recombinant monoclonal antibody

Catalog Number:87915-1-RR



Basic Information

Catalog Number:

87915-1-RR

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:

Protein A purification

CloneNo.:

260094A2

Recommended Dilutions:

WB: 1:5000-1:50000

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

Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

human

Positive Controls:

WB : MDCK cells, Raji cells, NIH/3T3 cells, mouse spleen tissue, mouse thymus, rat spleen tissue

IP : Raji cells,

Background Information

Syntaxin 7(STX7) is a SNARE protein localized to late endosomes and lysosomes, mediating vesicle fusion and intracellular trafficking. It plays essential roles in autophagy, pathogen degradation, and cholesterol transport through interactions with VAMP8 and Vti1b.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

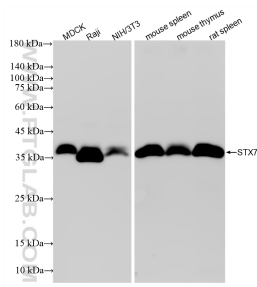
T: 4006900926

E: Proteintech-CN@ptglab.com

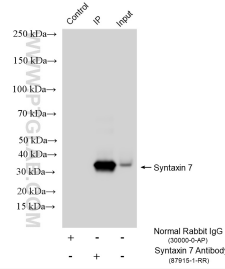
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87915-1-RR (Syntaxin 7 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



IP result of anti-Syntaxin 7 (IP:87915-1-RR, 4ug; Detection:87915-1-RR 1:6000) with Raji cells lysate 1920 ug.