

For Research Use Only

# Syntaxin 7 Recombinant monoclonal antibody

Catalog Number:87915-1-RR



## Basic Information

<b>Catalog Number:</b> 87915-1-RR	<b>GenBank Accession Number:</b> BC011975	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 8417	<b>CloneNo.:</b> 260094A2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O15400	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000 IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
<b>Isotype:</b> IgG	<b>Full Name:</b> syntaxin 7	
<b>Immunogen Catalog Number:</b> AG2975	<b>Calculated MW:</b> 261 aa, 30 kDa	
	<b>Observed MW:</b> 35-40 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> MDCK cells, Raji cells, NIH/3T3 cells, mouse spleen tissue, mouse thymus, rat spleen tissue
	<b>IP :</b> 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**

\*\*\* 20ul sizes contain 0.1% BSA

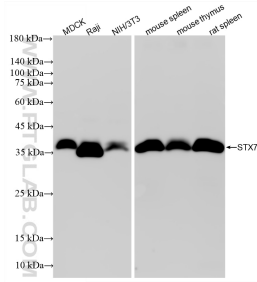
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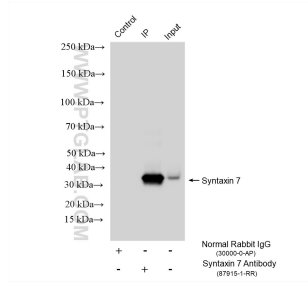
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## Selected Validation Data



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



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