

For Research Use Only

# Syntaxin 18 Monoclonal antibody

Catalog Number: 68220-1-Ig



## Basic Information

<b>Catalog Number:</b> 68220-1-Ig	<b>GenBank Accession Number:</b> BC014613	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 53407	<b>CloneNo.:</b> 2A2C9
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9P2W9	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG2b	<b>Full Name:</b> syntaxin 18	
<b>Immunogen Catalog Number:</b> AG8947	<b>Calculated MW:</b> 335 aa, 39 kDa	
	<b>Observed MW:</b> 39 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
Human, mouse, rat, pig

**Positive Controls:**  
WB : LNCaP cells, rat brain tissue, pig brain tissue, HEK-293 cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, mouse brain tissue

## Background Information

Syntaxin 18 is a novel member of the syntaxin family and it is involved in ER-mediated phagocytosis by regulating the specific and direct fusion of the ER and plasma or phagosomal membranes( PMID: 16790498).

## 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.

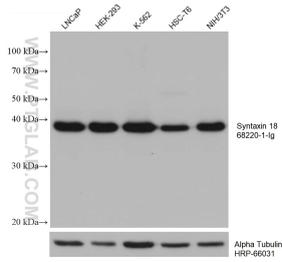
Aliquoting is unnecessary for -20°C storage

\*\*\* 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



Various lysates were subjected to SDS PAGE followed by western blot with 68220-1-Ig (Syntaxin 18 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.