

For Research Use Only

# Syntaxin 6 Monoclonal antibody, PBS Only



Catalog Number: 60059-1-PBS

## Basic Information

<b>Catalog Number:</b> 60059-1-PBS	<b>GenBank Accession Number:</b> BC009944	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 10228	<b>CloneNo.:</b> 2B6G4
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O43752	
<b>Isotype:</b> IgG1	<b>Full Name:</b> syntaxin 6	
<b>Immunogen Catalog Number:</b> AG1284	<b>Calculated MW:</b> 29 kDa	
	<b>Observed MW:</b> 29 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA, IHC, IF

**Species Specificity:**  
human, mouse, rat

## Background Information

Syntaxin-6 (STX6) is a SNARE protein located in the trans-Golgi network (TGN) and endosomes. It associates with a variety of SNARE proteins and is involved in intracellular vesicle trafficking. STX6 is required for sorting proteins from endosomes toward either the TGN or lysosomes.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

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

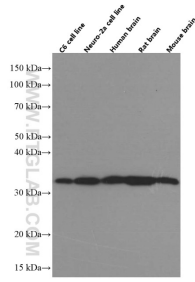
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

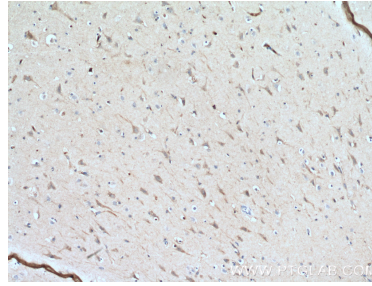
W: [ptgcn.com](http://ptgcn.com)

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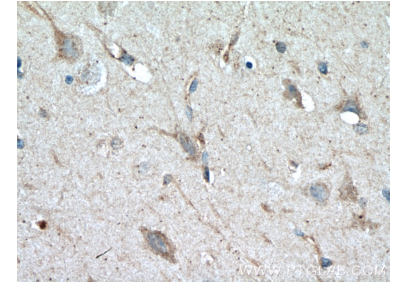
## Selected Validation Data



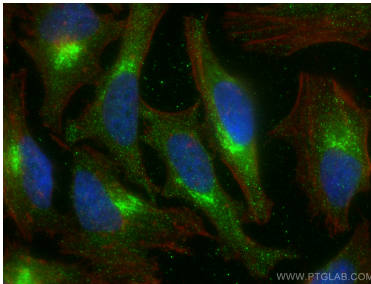
Various lysates were subjected to SDS PAGE followed by western blot with 60059-1-Ig (Syntaxin 6 antibody at dilution of 1:8000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60059-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 60059-1-Ig (Syntaxin 6 antibody at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60059-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 60059-1-Ig (Syntaxin 6 antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60059-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Syntaxin 6 antibody (60059-1-Ig, Clone: 2B6G4 ) at dilution of 1:800 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-phalloidin (red). This data was developed using the same antibody clone with 60059-1-PBS in a different storage buffer formulation.