

For Research Use Only

# Syntaxin 6 Monoclonal ANTIBODY



Catalog Number: 60059-1-Ig

## Basic Information

Catalog Number:

60059-1-Ig

Size:

150UL, Concentration: 1000 µg/ml by Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG1284

GenBank Accession Number:

BC009944

GeneID (NCBI):

10228

Full Name:

syntaxin 6

Calculated MW:

29 kDa

Observed MW:

29 kDa

Purification Method:

Caprylic acid/ammonium sulfate precipitation

CloneNo.:

2B6G4

Recommended Dilutions:

WB 1:2000-1:16000

IHC 1:50-1:500

## Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

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: C6 cells, Jurkat cells, SH-SY5Y cells, U-251 cells

IHC: human brain tissue, human prostate cancer tissue

## 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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

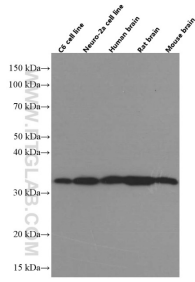
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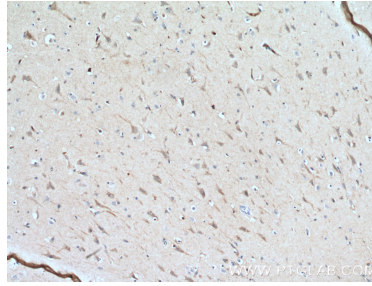
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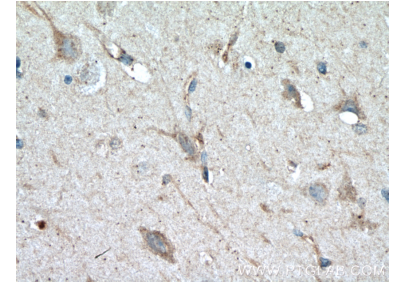
## Selected Validation Data



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.



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).



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).