

For Research Use Only

Syntaxin 6 Recombinant antibody

Catalog Number: 84627-5-RR



Basic Information

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|--|--|---|
| Catalog Number: 84627-5-RR | GenBank Accession Number: BC009944 | Purification Method: Protein A purification |
| Size: 1000 µg/ml | GeneID (NCBI): 10228 | CloneNo.: 242100A9 |
| Source: Rabbit | UNIPROT ID: O43752 | Recommended Dilutions: WB 1:2000-1:10000 IHC 1:200-1:800 |
| Isotype: IgG | Full Name: syntaxin 6 | |
| Immunogen Catalog Number: AG1284 | Calculated MW: 29 kDa | |
| | Observed MW: 32 kDa | |

Applications

Tested Applications:

WB, IHC, 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: A549 cells, PC-12 cells, Neuro-2a cells, fetal human brain tissue, mouse brain tissue, rat brain tissue

IHC: mouse brain 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 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

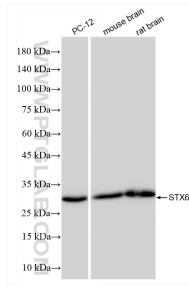
T: 4006900926

E: Proteintech-CN@ptglab.com

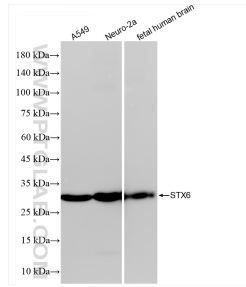
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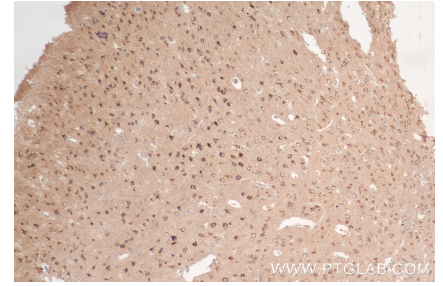
Selected Validation Data



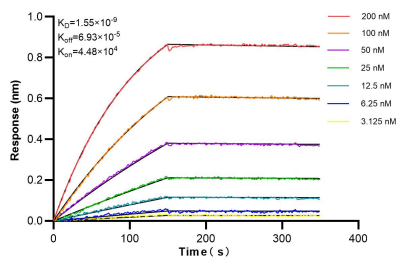
Various lysates were subjected to SDS PAGE followed by western blot with 84627-5-RR (Syntaxin 6 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 84627-5-RR (Syntaxin 6 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 84627-5-RR against Human Syntaxin 6 were performed. The affinity constant is 1.55 nM.