

For Research Use Only

# Syntaxin 6 Recombinant antibody, PBS Only

Catalog Number:84627-5-PBS



## Basic Information

Catalog Number: 84627-5-PBS	GenBank Accession Number: BC009944	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 10228	CloneNo.: 242100A9
Source: Rabbit	UNIPROT ID: O43752	
Isotype: IgG	Full Name: syntaxin 6	
Immunogen Catalog Number: AG1284	Calculated MW: 29 kDa	
	Observed MW: 32 kDa	

## Applications

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

**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.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

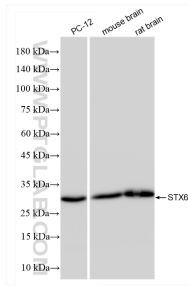
T: 4006900926

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

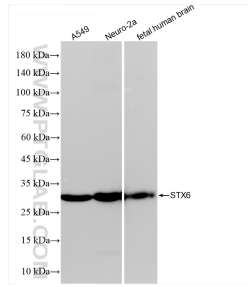
W: [ptgcn.com](http://ptgcn.com)

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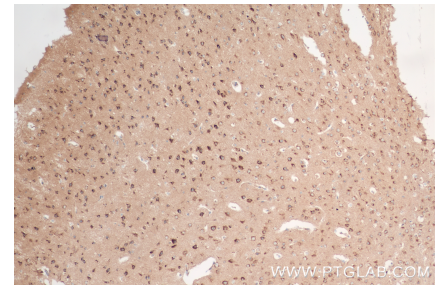
## Selected Validation Data



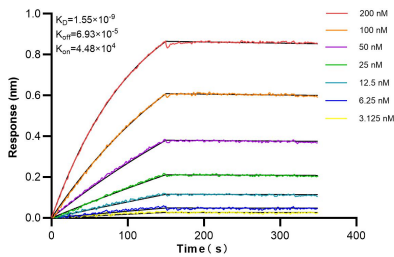
Various lysates were subjected to SDS PAGE followed by western blot with 84627-5-RR (Syntaxin 6 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84627-5-PBS in a different storage buffer formulation.



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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). This data was developed using the same antibody clone with 84627-5-PBS in a different storage buffer formulation.



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