

For Research Use Only

Syntaxin 4 Recombinant antibody, PBS Only

Catalog Number: 86181-1-PBS



Basic Information

Catalog Number:

86181-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6973

GenBank Accession Number:

BC002436

GeneID (NCBI):

6810

UNIPROT ID:

Q12846

Full Name:

syntaxin 4

Calculated MW:

34 kDa

Observed MW:

35-37 kDa

Purification Method:

Protein A purification

CloneNo.:

250825G3

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

Syntaxin 4 (STX4) is a critical SNARE protein primarily localized to the plasma membrane (PM) in mammalian cells. It plays a fundamental role in vesicle trafficking and fusion, especially in processes requiring rapid, regulated exocytosis.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

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

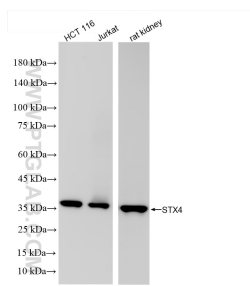
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

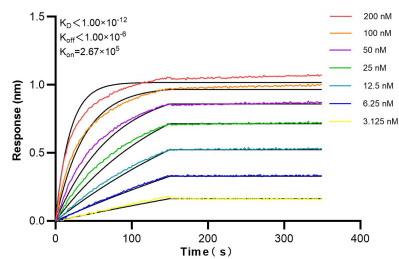
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86181-1-RR (Syntaxin 4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86181-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86181-1-RR against Human Syntaxin 4 were performed. The affinity constant is below 1 pM.