

For Research Use Only

Syntaxin 4 Recombinant antibody

Catalog Number: 86181-1-RR



Basic Information

Catalog Number:

86181-1-RR

Size:

100ul , Concentration: 1000 µg/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

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HCT 116 cells, mouse kidney tissue, rat kidney tissue, Jurkat cells

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

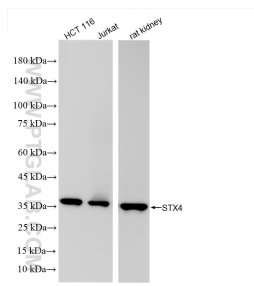
For technical support and original validation data for this product please contact:

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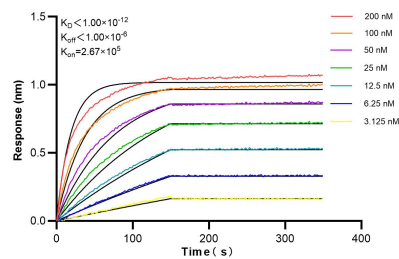
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Selected Validation Data



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.



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