

Syntaxin 8 Recombinant monoclonal antibody

Catalog Number: 86580-1-RR

Basic Information

Catalog Number:

86580-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2850

GenBank Accession Number:

BC009713

GeneID (NCBI):

9482

UNIPROT ID:

Q9UNK0

Full Name:

syntaxin 8

Calculated MW:

236 aa, 27 kDa

Observed MW:

25 kDa

Purification Method:

Protein A purification

CloneNo.:

251516G10

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : A549 cells, SH-SY5Y cells, mouse brain tissue, rat brain tissue, fetal human brain tissue, human placenta tissue, mouse pancreas tissue

Background Information

Syntaxin 8 (STX8), also known as CIP-1-associated regulator of cyclin B (CARB), is a protein belonging to the syntaxin family. The gene of STX8 maps to chromosomal band 17p12 and it encodes a 236-amino-acid protein containing 1 t-SNARE coiled-coil homology domain. STX8 mRNA is broadly expressed in multiple human tissues, including the heart, brain, kidney, liver, lung, placenta, skeletal muscle, spleen, and pancreas (PMID: 10198254). STX8 is involved in protein trafficking from early to late endosomes via vesicle fusion and exocytosis.

Storage

Storage:

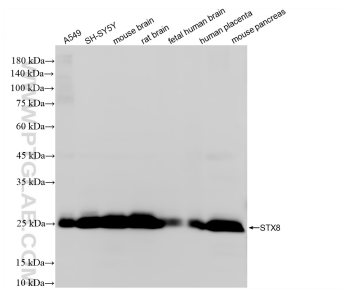
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

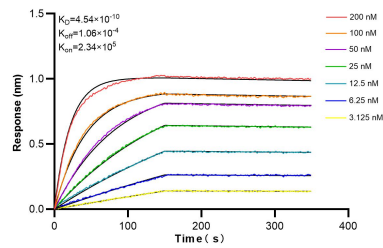
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86580-1-RR (STX8 antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86580-1-RR against Human Syntaxin 8 were performed. The affinity constant is 0.454 nM.