

For Research Use Only

KIF17 Recombinant antibody, PBS Only

Catalog Number: 85046-1-PBS



Basic Information

Catalog Number:

85046-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6217

GenBank Accession Number:

BC065927

GeneID (NCBI):

57576

UNIPROT ID:

Q9P2E2

Full Name:

kinesin family member 17

Calculated MW:

115 kDa

Observed MW:

170 kDa

Purification Method:

Protein A purification

CloneNo.:

242469G4

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

KIF17 is a kinesin superfamily member, encoding a neuron-specific molecular motor. In neurons, KIF17 is responsible for the specialized transport of the N-methyl-D-aspartate receptor NR2B subunit, the glutamate receptor GluR5, and the potassium channel Kv4.2 from the cell body to the dendrites(PMID: 23762210).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

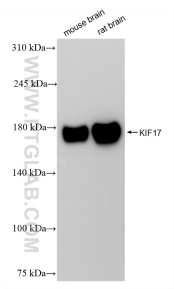
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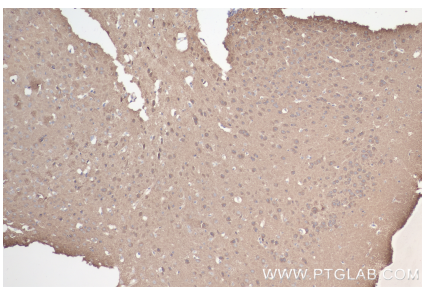
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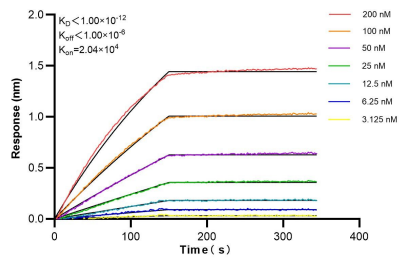
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85046-1-RR (KIF17 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85046-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 85046-1-RR (KIF17 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 85046-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85046-1-RR against Human KIF17 were performed. The affinity constant is below 1 pM.