For Research Use Only

KIF17 Recombinant antibody

Catalog Number:85046-1-RR



Catalog Number: GenBank Accession Number: **Purification Method: Basic Information** 85046-1-RR BC065927 Protein A purfication GeneID (NCBI): CloneNo.: Size: 242469G4 1000 µg/ml 57576 Source: UNIPROT ID: **Recommended Dilutions:** Rabbit Q9P2E2 WB 1:5000-1:50000 IHC 1:200-1:800 Full Name: Isotype: lgG kinesin family member 17 Immunogen Catalog Number: Calculated MW: AG6217 115 kDa **Observed MW:** 170 kDa **Applications Tested Applications: Positive Controls:** WB, IHC, ELISA WB: mouse brain tissue, rat brain tissue **Species Specificity:** IHC : mouse brain tissue, human, mouse, rat Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 **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 -20°C. Stable for one year after shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:T: 4006900926E: Proteintech-CN@ptglab.comW: ptgcn.com

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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.

Immunohistochemical analysis of paraffinembedded 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). Biolayer interferometry (BLI) kinetic assays of 85046-1-RR against Human KIF 17 were performed. The affinity constant is below 1 pM.