

For Research Use Only

KIF2A Recombinant antibody

Catalog Number: 86268-3-RR



Basic Information

Catalog Number:

86268-3-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3748

GenBank Accession Number:

BC031828

GeneID (NCBI):

3796

UNIPROT ID:

O00139

Full Name:

kinesin heavy chain member 2A

Calculated MW:

679 aa, 77 kDa

Observed MW:

80-100 kDa

Purification Method:

Protein A purification

CloneNo.:

250946C7

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, Jurkat cells, A549 cells, NCI-H1299 cells, mouse brain tissue, rat brain tissue

Background Information

Kinesin family member 2a (KIF2A), one of the kinesin family members, is identified in mammalian cells and involved in regulating microtubule dynamics during the mitosis via modulating intracellular transport, cell division, and bipolar spindle assembly (PMID: 17538014). High expression of KIF2A correlates with advanced tumor stages and worse prognosis in non-small cell lung cancer patients (PMID: 31858647). Within clinical practice, KIF2A exhibits key prognostic value for the management of gastric cancer, colorectal cancer and nasopharyngeal carcinoma (PMID: 32106376, PMID: 26070867, PMID: 26602436).

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

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

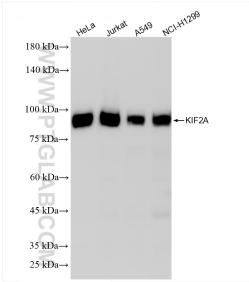
T: 4006900926

E: Proteintech-CN@ptglab.com

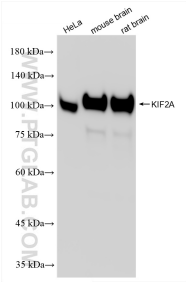
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86268-3-RR (KIF2A antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



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