

For Research Use Only

KIF13B Polyclonal antibody

Catalog Number: 30141-1-AP



Basic Information

Catalog Number:

30141-1-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG30876

GenBank Accession Number:

NM_015254

GeneID (NCBI):

23303

UNIPROT ID:

Q9NQT8

Full Name:

kinesin family member 13B

Calculated MW:

203 kDa

Observed MW:

250 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : HEK-293 cells, HeLa cells, Jurkat cells, K-562 cells

IP : HEK-293 cells,

Background Information

KIF13B, Also known as GAKIN, is a 250-kD phosphoprotein. KIF13B contains a consensus ATP/GTP-binding motif within its N-terminal motor domain; a stalk domain containing several short alpha-helical segments; and a CAP-gly motif in its C terminus characteristic of microtubule-based cytoskeleton components (PMID: 10859302).

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:

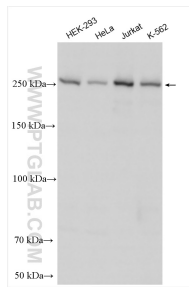
T: 4006900926

E: Proteintech-CN@ptglab.com

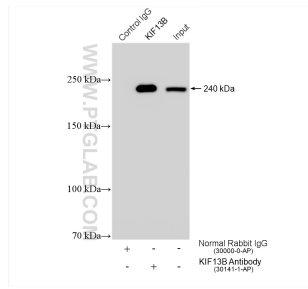
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30141-1-AP (KIF 13B antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP result of anti-KIF 13B (IP:30141-1-AP, 4ug; Detection:30141-1-AP 1:800) with HEK-293 cells lysate 1400 ug.