

For Research Use Only

KIF13B Polyclonal antibody

Catalog Number: 30141-1-AP



Basic Information

Catalog Number: 30141-1-AP	GenBank Accession Number: NM_015254	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop;	GeneID (NCBI): 23303	Recommended Dilutions: WB 1:500-1:3000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Source: Rabbit	Full Name: kinesin family member 13B	
Isotype: IgG	Calculated MW: 203 kDa	
Immunogen Catalog Number: AG30876	Observed MW: 250 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls:
Species Specificity: Human	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

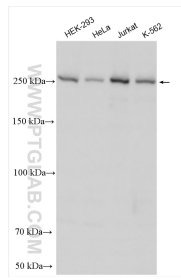
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

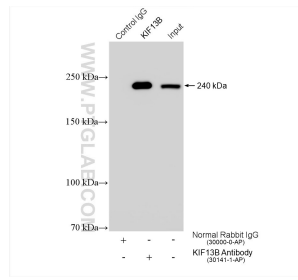
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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-KIF13B(IP:30141-1-AP, 4ug; Detection:30141-1-AP 1:800) with HEK-293 cells lysate 1400 ug.