

For Research Use Only

KIF7 Recombinant monoclonal antibody, PBS Only

Catalog Number:86970-1-PBS



Basic Information

Catalog Number: 86970-1-PBS	GenBank Accession Number: BC112271	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 374654	CloneNo.: 252078H3
Isotype: IgG	UNIPROT ID: Q2M1P5	
Immunogen Catalog Number: AG19119	Full Name: kinesin family member 7	
	Calculated MW: 1343 aa, 151 kDa	
	Observed MW: 150, 170 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

KIF7(Kinesin family member 7) is a microtubule interacting protein that functions to regulate Hh signaling by maintaining the architecture of the primary cilium, a complex microtubule-based organelle with many signal transduction functions (PMID: 26439735). KIF7 has been shown to have both negative and positive roles in Shh signal transduction. Without a ligand, KIF7 localizes to the cilium base where it forms a complex with Gli proteins and other pathway components and promotes the processing of GliRs (PMID: 21552264).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

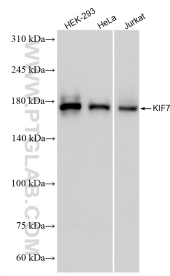
T: 4006900926

E: Proteintech-CN@ptglab.com

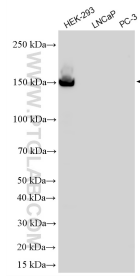
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86970-1-RR (KIF7 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86970-1-PBS in a different storage buffer formulation.



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