

For Research Use Only

IFT140 Recombinant antibody

Catalog Number: 82947-1-RR



Basic Information

Catalog Number: 82947-1-RR	GenBank Accession Number: BC035577	Purification Method: Protein A purification
Size: 300 µg/ml	GeneID (NCBI): 9742	CloneNo.: 230231F7
Source: Rabbit	UNIPROT ID: Q96RY7	Recommended Dilutions: WB 1:1000-1:6000
Isotype: IgG	Full Name: intraflagellar transport 140 homolog (Chlamydomonas)	
Immunogen Catalog Number: AG11119	Calculated MW: 1462 aa, 165 kDa	
	Observed MW: 150-165 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, rat testis tissue
Species Specificity: Human, Rat	

Background Information

IFT140 is a subunit of intraflagellar transport complex A (IFT-A) which is involved in retrograde ciliary transport. RT-PCR analysis showed it is highly expressed in kidney, moderately in ovary, testis, prostate, and lung. IFT140 is localized to the base and tip of primary cilium. IFT140 has a pivotal role in development and function of ciliated cells, and mutations of IFT140 cause skeletal, renal, and retinal ciliopathies. It had been detected as a single band around 140-165 kDa in different reports. (PMID: 20368623, 22282595)

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:

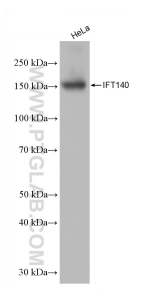
T: 4006900926

E: Proteintech-CN@ptglab.com

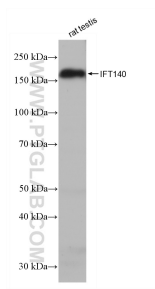
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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 82947-1-RR (IFT140 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



rat testis tissue were subjected to SDS PAGE followed by western blot with 82947-1-RR (IFT140 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.