

For Research Use Only

HEATR2 Recombinant monoclonal antibody

Catalog Number: 87423-1-RR



Basic Information

Catalog Number: 87423-1-RR	GenBank Accession Number: BC047240	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 54919	CloneNo.: 252814E9
Source: Rabbit	UNIPROT ID: Q86Y56	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: HEAT repeat containing 2	
Immunogen Catalog Number: AG20080	Calculated MW: 855 aa, 94 kDa	
	Observed MW: 93 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells,
Species Specificity: human	

Background Information

HEATR2 also termed as HEAT repeat containing 2 is an 855 amino acid protein. HEATR2 is a member of a family of ten other uncharacterized HEAT-repeat-containing proteins, which contains HEAT (Huntingtin, elongation factor 3 (EF3), protein phosphatase 2A (PP2A) and the yeast PI3-kinase Tor1) repeats. HEAT repeats form rod-like helical structures that are involved in intracellular transport. HEATR2 play an important role in dynein arm transportation or assembly. HEATR2 mutation is implicated in Primary ciliary dyskinesia 18.

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

*** 20ul sizes contain 0.1% BSA

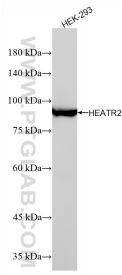
For technical support and original validation data for this product please contact:

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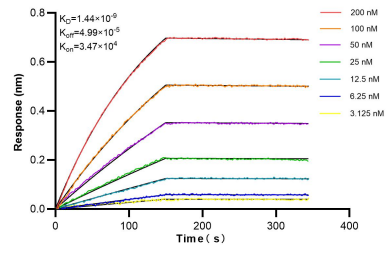
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Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 87423-1-RR (HEATR2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87423-1-RR against Human HEATR2 were performed. The affinity constant is 1.44 nM.