

For Research Use Only

# HEATR2 Polyclonal antibody

Catalog Number: 24578-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 24578-1-AP	<b>GenBank Accession Number:</b> BC047240	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 300 µg/ml by Nanodrop and 227 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 54919	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IF 1:10-1:100
<b>Source:</b> Rabbit	<b>Full Name:</b> HEAT repeat containing 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 855 aa, 94 kDa	
<b>Immunogen Catalog Number:</b> AG20080	<b>Observed MW:</b> 93 kDa	

## Applications

<b>Tested Applications:</b> IF, WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, IF : HEK-293 cells,
<b>Cited Applications:</b> IF, WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human, rat	

## 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Christine P Diggle	25232951	PLoS Genet	WB, IF
Yaping Liu	36276075	Front Oncol	WB
Vishal Nanavaty	32333838	Mol Cell	WB

## Storage

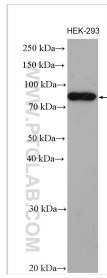
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

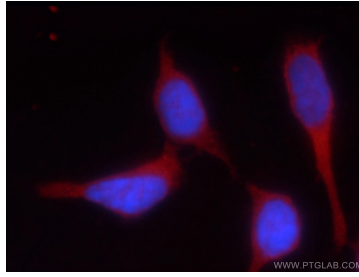
For technical support and original validation data for this product please contact:  
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## Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 24578-1-AP (HEATR2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HEK-293 cells using 24578-1-AP (HEATR2 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.