

For Research Use Only

HEATR2 Polyclonal antibody

Catalog Number: 24578-1-AP

3 Publications



Basic Information

Catalog Number:

24578-1-AP

Concentration:

300 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20080

GenBank Accession Number:

BC047240

GeneID (NCBI):

54919

UNIPROT ID:

Q86Y56

Full Name:

HEAT repeat containing 2

Calculated MW:

855 aa, 94 kDa

Observed MW:

93 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human

Cited Species:

human, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HEK-293 cells,

IHC : human stomach tissue,

IF/ICC : HEK-293 cells,

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

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

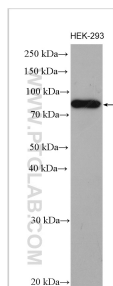
T: 4006900926

E: Proteintech-CN@ptglab.com

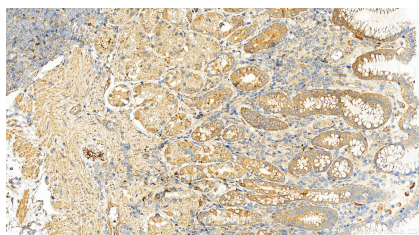
W: ptgcn.com

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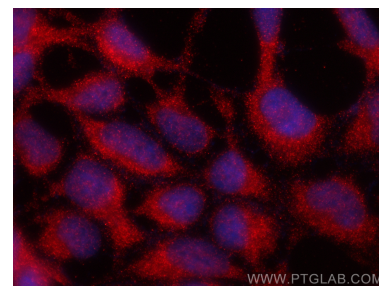
Selected Validation Data



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.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 24578-1-AP (HEATR2 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using HEATR2 antibody (24578-1-AP) at dilution of 1:200 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4).