

HEATR5B Rabbit pAb

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Catalog # AP55996

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9P2D3
Predicted	Rat, Pig, Dog, Human, Mouse, Rabbit, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	224302
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HEATR5B
Epitope Specificity	1-100/2071
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	54497
Other Names	HEAT repeat-containing protein 5B, HEATR5B (HGNC:29273)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	HEATR5B (HGNC:29273)
Function	Component of clathrin-coated vesicles (PubMed: 15758025). Component of the aftiphilin/p200/gamma-synergism complex, which plays roles in AP1G1/AP-1-mediated protein trafficking including the trafficking of transferrin from early to recycling endosomes, and the membrane trafficking of furin and the lysosomal enzyme cathepsin D between the trans-Golgi network (TGN) and endosomes (PubMed: 15758025).
Cellular Location	Cytoplasm, perinuclear region. Cytoplasmic vesicle, clathrin-coated vesicle. Note=Localization at clathrin- coated vesicles depends on AFTPH/aftiphilin

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.