

HEATR7A Rabbit pAb

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Catalog # AP55997

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q8NDA8
Predicted	Rat, Pig, Dog, Human, Mouse, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	181249
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HEATR7A
Epitope Specificity	351-450/1641
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	727957
Other Names	Maestro heat-like repeat-containing protein family member 1, HEAT repeat-containing protein 7A, MROH1 {ECO:0000303 PubMed:38538795, ECO:0000312 HGNC:HGNC:26958}
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	MROH1 {ECO:0000303 PubMed:38538795, ECO:0000312 HGNC:HGNC:26958}
Function	Lysosome fission factor (PubMed: 38538795). Recruited to lysosomes by RAB7 (RAB7A or RAB7B) at scission sites and homooligomerizes to mediate the constriction and scission of lysosomal tubules (PubMed: 38538795). May sever membranes by inserting amphipathic helices into one bilayer leaflet (PubMed: 38538795). Lysosome fission is required to maintain their

steady-state number, shape, size, composition and function, and to accomplish regeneration (PubMed:[38538795](#)).

Cellular Location

Lysosome membrane. Note=Recruited to the lysosome membrane by RAB7 (RAB7A or RAB7B)

Background

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