

For Research Use Only

# MTMR9 Polyclonal antibody

Catalog Number: 31060-1-AP



## Basic Information

Catalog Number:

31060-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34134

GenBank Accession Number:

BC022003

GeneID (NCBI):

66036

UNIPROT ID:

Q96QG7

Full Name:

myotubularin related protein 9

Calculated MW:

63 kDa

Observed MW:

63 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:6000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells, HeLa cells

## Background Information

MTMR9 (Myotubularin-related protein 9) acts as an adapter for myotubularin-related phosphatases (PMID: 19038970; 22647598). MTMR9 can increase lipid phosphatase MTMR6 catalytic activity, specifically towards phosphatidylinositol 3,5-bisphosphate and MTMR6 binding affinity for phosphorylated phosphatidylinositols (PMID: 19038970; 22647598). It can also increase MTMR8 catalytic activity towards phosphatidylinositol 3-phosphate and stabilize MTMR8 protein levels (PMID: 22647598).

## 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

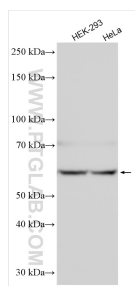
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31060-1-AP (MTMR9 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.