

## MTMR9 Polyclonal Antibody

**catalog number: E-AB-64468**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

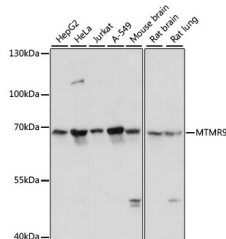
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant fusion protein of human MTMR9 (NP_056273.2).
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

### Applications

Applications	Recommended Dilution
<b>WB</b>	1:1000-1:2000
<b>IF</b>	1:50-1:200

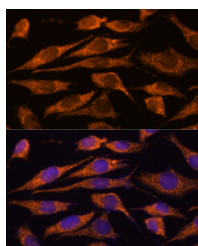
### Data



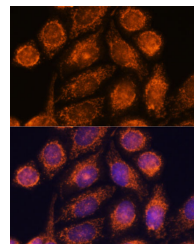
Western blot analysis of extracts of various cell lines using MTMR9 Polyclonal Antibody at dilution of 1:3000.

**Observed-MW:63 kDa**

**Calculated-MW:53 kDa/63 kDa**



Immunofluorescence analysis of L929 cells using MTMR9 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using MTMR9 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

### For Research Use Only

This gene encodes a myotubularin-related protein that is atypical to most other members of the myotubularin-related protein family because it has no dual-specificity phosphatase domain. The encoded protein contains a double-helical motif similar to the SET interaction domain, which is thought to have a role in the control of cell proliferation. In mouse, a protein similar to the encoded protein binds with MTMR7, and together they dephosphorylate phosphatidylinositol 3-phosphate and inositol 1,3-bisphosphate.

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