

**DATASHEET**

**MTMR2 Rabbit Polyclonal Antibody**

CAT. NO. APA14852

**KEY FEATURES**

Target	MTMR2	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

**BACKGROUND**

Lipid phosphatase that specifically dephosphorylates the D-3 position of phosphatidylinositol 3-phosphate and phosphatidylinositol 3,5-bisphosphate, generating phosphatidylinositol and phosphatidylinositol 5-phosphate . Regulates the level of these phosphoinositides critical for various biological processes including autophagy initiation and autophagosome maturation .

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

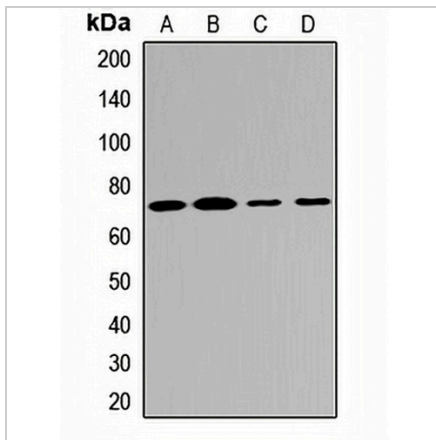
Description	Rabbit polyclonal antibody to MTMR2
Specificity	Recognizes endogenous levels of MTMR2 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human MTMR2
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 65; Observed: 65-73 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	KIAA1073; Myotubularin-related protein 2
Gene Symbol	MTMR2
Entrez Gene	8898(Human); 77116(Mouse)
SwissProt	Q13614(Human); Q9Z2D1(Mouse)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of MTMR2 expression in HeLa (A), Jurkat (B), mouse brain (C), rat liver (D) whole cell lysates. (Predicted band size: 65; 73 kD; Observed band size: 65-73 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.