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MTMR6 Rabbit pAb

货号: **AYP18492**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:200 - 1:2000
理论分子量	63kDa/71kDa
实测分子量	72kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2,HeLa,293T,Mouse heart,Mouse brain,Mouse lung,Mouse spleen,Mouse testis,Rat heart
细胞定位	Nucleus envelope
纯化	Affinity purification

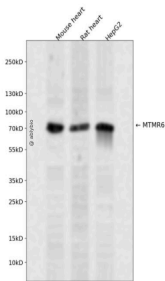
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 382-621 of human MTMR6 (NP_004676.3).
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靶点信息

研究背景	Phosphatase that acts on lipids with a phosphoinositol headgroup. Dephosphorylates phosphatidylinositol 3-phosphate (PtdIns(3P and phosphatidylinositol 3,5-bisphosphate (Probable. Binds with high affinity to phosphatidylinositol 3,5-bisphosphate (PtdIns(3,5P2 but also to phosphatidylinositol 3-phosphate (PtdIns(3 P, phosphatidylinositol 4-phosphate (PtdIns(4P, and phosphatidylinositol 5-phosphate (PtdIns(5P, phosphatidic acid and phosphatidylserine. Negatively regulates ER-Golgi protein transport (By similarity. Probably in association with MTMR9, plays a role in the late stages of macropinocytosis by dephosphorylating phosphatidylinositol 3-phosphate in membrane ruffles. Acts as a negative regulator of KCNN4/KCa3.1 channel activity in CD4(+ T-cells possibly by decreasing intracellular levels of phosphatidylinositol 3-phosphate. Negatively regulates proliferation of reactivated CD4(+ T-cells. In complex with MTMR9, negatively regulates DNA damage-induced apoptosis. The formation of the MTMR6-MTMR9 complex stabilizes both MTMR6 and MTMR9 protein levels.
基因ID	9107
基因名	MTMR6
Swiss	Q9Y217 (https://www.uniprot.org/uniprotkb/Q9Y217/entry)
别名	MTMR6,MTMR6 Rabbit pAb,Myotubularin-related protein 6,Phosphatidylinositol-3-phosphate phosphatase

产品验证



Western blot analysis of MTMR6 expressed in Mouse heart,Rat heart,HepG2 using MTMR6 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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