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PTPMT1 Rabbit pAb

货号: **AYP15923**

产品信息

反应	Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	15kDa/16kDa/22kDa
实测分子量	23kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
偶联物	Unconjugated
阳性对照	Mouse heart
细胞定位	Mitochondrion inner membrane
纯化	Affinity purification

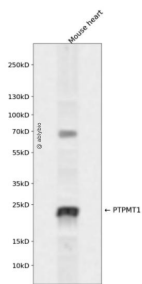
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-201 of human PTPMT1 (NP_783859.1).
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靶点信息

研究背景	Lipid phosphatase which dephosphorylates phosphatidylglycerophosphate (PGP to phosphatidylglycerol (PG (By similarity. PGP is an essential intermediate in the biosynthetic pathway of cardiolipin, a mitochondrial-specific phospholipid regulating the membrane integrity and activities of the organelle (By similarity. Has also been shown to display phosphatase activity toward phosphoprotein substrates, specifically mediates dephosphorylation of mitochondrial proteins, thereby playing an essential role in ATP production (By similarity. Has probably a preference for proteins phosphorylated on Ser and/or Thr residues compared to proteins phosphorylated on Tyr residues (By similarity. Probably involved in regulation of insulin secretion in pancreatic beta cells (By similarity. May prevent intrinsic apoptosis, probably by regulating mitochondrial membrane integrity.
基因ID	114971
基因名	PTPMT1
Swiss	Q8WUK0 (https://www.uniprot.org/uniprotkb/Q8WUK0/entry)
别名	PTPMT1,DUSP23,MOSP,PLIP,PNAS-129,PTPMT1 Rabbit pAb,PTEN-like phosphatase,Phosphoinositide lipid phosphatase,Protein-tyrosine phosphatase mitochondrial 1

产品验证



Western blot analysis of PTPMT1 expressed in Mouse heart using PTPMT1 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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