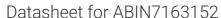
antibodies -online.com







anti-PTPMT1 antibody (AA 28-201) (Biotin)



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| | | | | |

| Quantity: | 100 μg |
|----------------------|--|
| Target: | PTPMT1 |
| Binding Specificity: | AA 28-201 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PTPMT1 antibody is conjugated to Biotin |
| Application: | ELISA |

Product Details

| lmmunogen: | Recombinant Human Phosphatidylglycerophosphatase and protein-tyrosine phosphatase 1 protein (28-201AA) |
|-------------------|--|
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| Target: | PTPMT1 |
|--|--------------------------|
| Alternative Name: | PTPMT1 (PTPMT1 Products) |
| Background: Background: Lipid phosphatase which dephosphorylates phosphatidylglycerophosphate (F | |

to phosphatidylglycerol (PG). PGP is an essential intermediate in the biosynthetic pathway of cardiolipin, a mitochondrial-specific phospholipid regulating the membrane integrity and activities of the organelle. 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. Has probably a preference for proteins phosphorylated on Ser and/or Thr residues compared to proteins phosphorylated on Tyr residues. Probably involved in regulation of insulin secretion in pancreatic beta cells. Aliases: DUSP23 antibody, FLJ46081 antibody, MOSP antibody, NB4 apoptosis/differentiation related protein antibody, Phosphatidylglycerophosphatase and protein-tyrosine phosphatase 1 antibody, Phosphoinositide lipid phosphatase antibody, PLIP antibody, PNAS 129 antibody, protein tyrosine phosphatase mitochondrial 1 antibody, Protein-tyrosine phosphatase mitochondrial 1 antibody, PTEN-like phosphatase antibody

UniProt: Q8WUK0

Pathways: Inositol Metabolic Process

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

| Format: | Liquid | |
|--------------------|---|--|
| Buffer: | Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4 | |
| Preservative: | ProClin | |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. | |
| Storage: | -20 °C,-80 °C | |
| Storage Comment: | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. | |