

Product datasheet

Anti-PTPMT1 antibody ab61037

1 Image

Overview

Product name	Anti-PTPMT1 antibody
Description	Rabbit polyclonal to PTPMT1
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide conjugated to KLH

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.1% Sodium Azide Constituents: PBS, pH 7.7
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab61037** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 14 µg/ml.

Target

Function	Protein phosphatase that 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
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residues. Probably involved in regulation of insulin secretion in pancreatic beta cells.

Sequence similarities

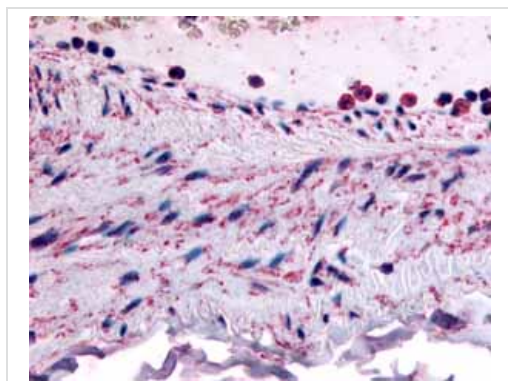
Belongs to the protein-tyrosine phosphatase family. Non-receptor class dual specificity subfamily.

Contains 1 tyrosine-protein phosphatase domain.

Cellular localization

Mitochondrion inner membrane. Associated with the inner membrane.

Images



ab61037 at 14µg/ml staining Vascular Smooth Muscle by IHC-P

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - PTPMT1 antibody (ab61037)

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