


Product datasheet

Anti-PTPMT1 antibody ab168479

1 Image

Overview

Product name	Anti-PTPMT1 antibody
Description	Mouse polyclonal to PTPMT1
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Dog 
Immunogen	Recombinant full length Human PTPMT1 (amino acids 1-201; AAH20242.1). Run BLAST with ExPASy Run BLAST with NCBI
Positive control	PTPMT1 transfected 293T cell lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	pH: 7.20 Constituent: 99% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab168479** in the following tested applications.

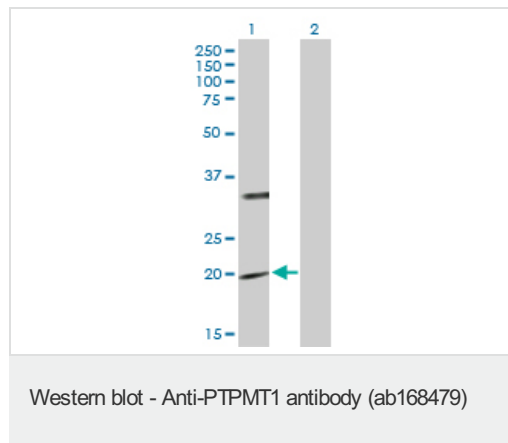
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 23 kDa.

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 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



All lanes : Anti-PTPMT1 antibody (ab168479) at 1 µg/ml

Lane 1 : PTPMT1 transfected 293T cell lysate

Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 15 µl per lane.

Predicted band size: 23 kDa

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