

Datasheet for ABIN7000833

anti-PTPMT1 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	20 µL
Target:	PTPMT1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPMT1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein of human PTPMT1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	PTPMT1
Alternative Name:	PTPMT1 (PTPMT1 Products)
Background:	PTPMT1 (protein tyrosine phosphatase mitochondrial 1), also known as MOSP or PLIP (phosphoinositide lipid phosphatase) and previously known as DUSP23, is a widely expressed PTP membrane protein with high expression levels in pancreatic cells. PTPMT1 exclusively localizes to the matrix face of the inner membrane of the mitochondrion. It is responsible for

Target Details

	dephosphorylating mitochondrial proteins and therefore plays a significant role in the production of ATP and secretion of insulin.
Molecular Weight:	23 kDa
UniProt:	Q8WUK0
Pathways:	Inositol Metabolic Process

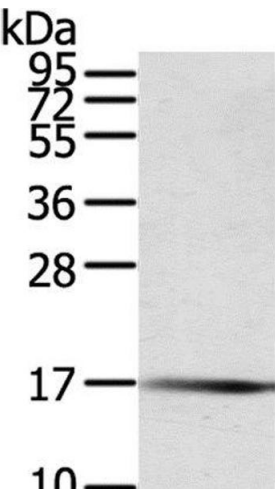
Application Details

Application Notes:	WB 1:200-1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.2 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western Blot analysis of Human fetal muscle tissue using PTPMT1 Polyclonal Antibody at dilution of 1:200