

[Go to Product page](#)

Datasheet for ABIN7091539
anti-PRDM16 antibody (AA 779-996)

Overview

Quantity:	100 µL
Target:	PRDM16
Binding Specificity:	AA 779-996
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PRDM16 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant human PRDM16 between 779-996 amino acids.
Clone:	G10T8
Predicted Reactivity:	Human

Target Details

Target:	PRDM16
Alternative Name:	PRDM16 (PRDM16 Products)
Background:	Synonyms: KIAA1675, MDS1/EVI1 like gene 1, MDS1/EVI1-like gene 1, MEL1, PFM 13, PFM13, PR domain containing 16, PR domain containing protein 16, PR domain zinc finger protein 16, PR domain-containing protein 16, PRD16_HUMAN, Transcription factor MEL 1, Transcription factor MEL1.

Target Details

Background: Binds DNA and functions as a transcriptional regulator. Functions in the differentiation of brown adipose tissue (BAT) which is specialized in dissipating chemical energy in the form of heat in response to cold or excess feeding while white adipose tissue (WAT) is specialized in the storage of excess energy and the control of systemic metabolism. Together with CEBPB, regulates the differentiation of myoblastic precursors into brown adipose cells. Functions also as a repressor of TGF-beta signaling. Isoform 4 may regulate granulocytes differentiation.

Gene ID:	63976
UniProt:	Q9HAZ2
Pathways:	Stem Cell Maintenance , Brown Fat Cell Differentiation

Application Details

Application Notes:	WB 1:300-5000
Restrictions:	For Research Use only

Handling

Concentration:	0.5 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months