PRDM16 Polyclonal Antibody

Order Information

Catalog#	BGT-ANT-70218
Size/Concentration	100µl

Description

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.

Specification

Aliases ： PR domain zinc finger protein 16, PR domain-containing protein 16, Transcription factor MEL1, MDS1/EVI1-like gene 1, PRDM16, KIAA1675, MEL1, PFM13

Entrez GeneID ： 63976

Swissprot ： Q9HAZ2

WB Predicted band size ： 140.2kDa

Host/Isotype ： Mouse IgG1

Antibody Type ： Primary antibody

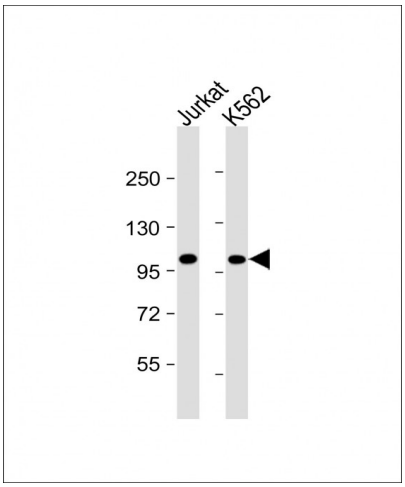
Storage ： Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Species Reactivity ： Human, Mouse

Immunogen ： This PRDM16 antibody is generated from a mouse immunized with a recombinant protein between 779-996 amino acids from PRDM16.

Application

WB	1/2000



All lanes : Anti-PRDM16 Antibody at 1:4000 dilution Lane 1: Jurkat whole cell lysate Lane 2: K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 140 kDa Blocking/Dilution buffer: 5% NFDM/TBST.