

Datasheet for ABIN6242534  
**anti-PRDM16 antibody (AA 779-996)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	200 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:	This PRDM16 antibody is generated from a mouse immunized with a recombinant protein between 779-996 amino acids from PRDM16.
Clone:	1740CT793-52-44
Isotype:	IgG1 kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

## Target Details

Target:	PRDM16
Alternative Name:	PRDM16 ( <a href="#">PRDM16 Products</a> )
Background:	Binds DNA and functions as a transcriptional regulator. Functions in the differentiation of brown

## Target Details

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.

Molecular Weight: 140251

UniProt: [Q9HAZ2](#)

Pathways: [Stem Cell Maintenance](#), [Brown Fat Cell Differentiation](#)

## Application Details

Application Notes: WB: 1:4000

Restrictions: For Research Use only

## Handling

Format: Liquid

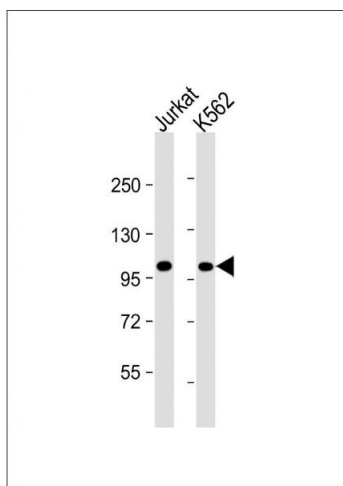
Buffer: Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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: 4 °C, -20 °C

Expiry Date: 6 months



### Western Blotting

**Image 1.** 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.