

Datasheet for ABIN7164089
anti-PRDM16 antibody (AA 448-683)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	PRDM16
Binding Specificity:	AA 448-683
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRDM16 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human PR domain zinc finger protein 16 protein (448-683AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PRDM16
Alternative Name:	PRDM16 (PRDM16 Products)
Background:	Background: Binds DNA and functions as a transcriptional regulator. Functions in the differentiation of brown adipose tissue (BAT) which is specialized in dissipating chemical

Target Details

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.

Aliases: CMD1LL antibody, KIAA1675 antibody, LVNC8 antibody, MDS1/EVI1 like gene 1 antibody, MDS1/EVI1-like gene 1 antibody, MEL1 antibody, PFM 13 antibody, PFM13 antibody, PR domain containing 16 antibody, PR domain containing protein 16 antibody, PR domain zinc finger protein 16 antibody, PR domain-containing protein 16 antibody, PRD16_HUMAN antibody, Prdm16 antibody, Transcription factor MEL 1 antibody, Transcription factor MEL1 antibody

UniProt: [Q9HAZ2](#)

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

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

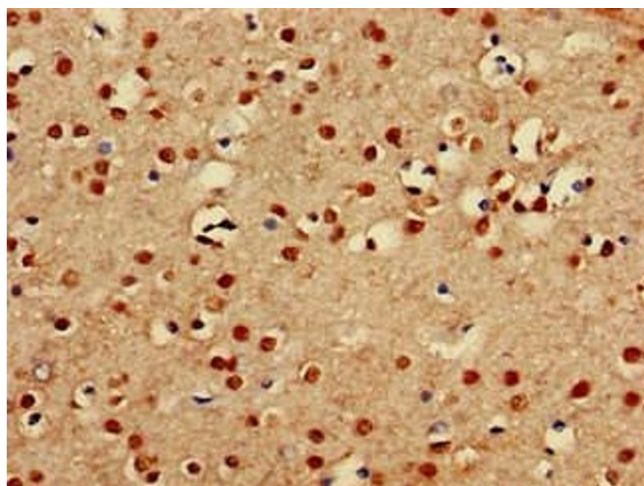
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

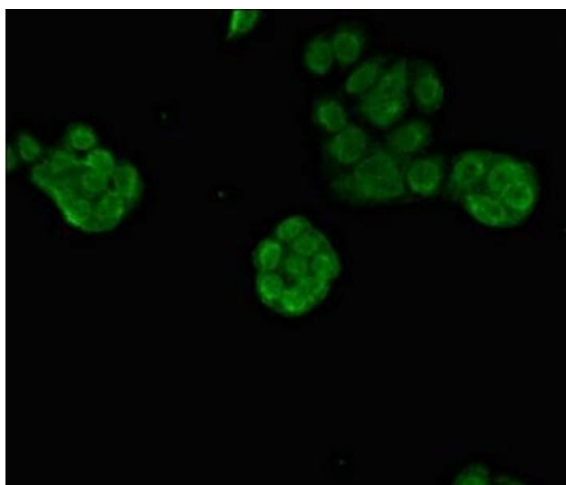
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7164089 at dilution of 1:100



Immunofluorescence

Image 2. Immunofluorescent analysis of PC-3 cells using ABIN7164089 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)