

Rabbit anti-Human PRDM16 Polyclonal Antibody | anti-PRDM16 antibody

PRDM16 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233438	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

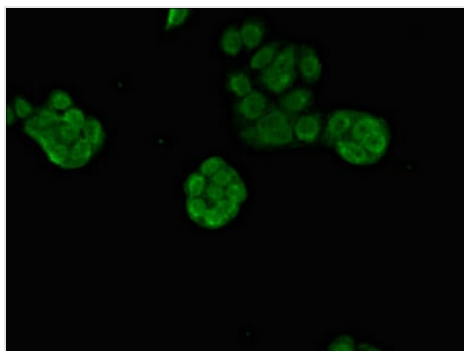
PRODUCT SYNONYMS

PRDM16; Polyclonal Antibody; PRDM16 Antibody; PR domain zinc finger protein 16; PR domain-containing protein 16Curated; Transcription factor MEL1Curated; MDS1/EVI1-like gene 1; anti-PRDM16 antibody

PRODUCT SPECIFICATIONS

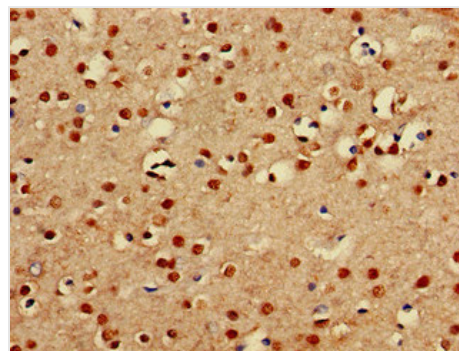
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1276
Applicable Applications for anti-PRDM16 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human PR domain zinc finger protein 16 protein (448-683AA)
Conjugation	Non-conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of PC3 cells using AAA233438 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA233438 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-PRDM16 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	289547573
NCBI GeneID	63976
NCBI Accession #	NP_071397.3
NCBI GenBank Nucleotide #	NM_022114.3
UniProt Accession #	Q9HAZ2; Q8WYJ9; Q9C0I8; A6NHQ8; B1AJP7; B1AJP8; B1AJP9; B1WB48
Molecular Weight	120,338 Da
NCBI Official Full Name	PR domain zinc finger protein 16 isoform 1
NCBI Official Synonym Full Names	PR/SET domain 16
NCBI Official Symbol	PRDM16
NCBI Official Synonym Symbols	MEL1; KMT8F; LVNC8; PFM13; CMD1LL
NCBI Protein Information	PR domain zinc finger protein 16
UniProt Protein Name	PR domain zinc finger protein 16
UniProt Gene Name	PRDM16
UniProt Synonym Gene Names	MDS1/EV11-like gene 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/prdm16-antibody-immunofluorescence-immunohistochemistry-elisa/233438>