

Rabbit PRDM16 Polyclonal Antibody | anti-PRDM16 antibody

PRDM16 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307669	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

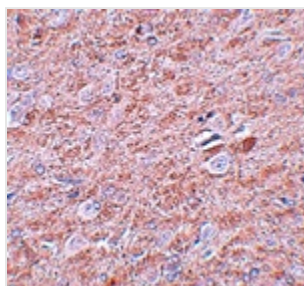
PRODUCT SYNONYMS

PRDM16; Polyclonal Antibody; PRDM16 Antibody; PR domain containing 16; MEL1; PFM13; anti-PRDM16 antibody

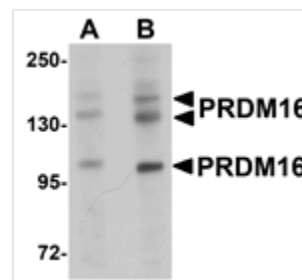
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	1,092
Applicable Applications for anti-PRDM16 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 17 amino acid peptide from near the carboxy terminus of human PRDM16.
Target Name	PRDM16
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of PRDM16 in rat brain tissue with PRDM16 antibody at 2.5 ug/mL.


WB (Western Blot)

Western blot analysis of PRDM16 in rat brain tissue lysate with PRDM16 antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-PRDM16 antibody	PRDM16 is a zinc finger transcription factor and contains an N-terminal PR domain. The reciprocal translocation t(1;3)(p36;q21) occurs in a subset of myelodysplastic syndrome (MDS) and acute myeloid leukemia (AML). This gene is located near the 1p36.3 breakpoint and has been shown to be specifically expressed in the t(1:3)(p36, q21)-positive MDS/AML. The translocation results in the overexpression of a truncated version of this protein that lacks the PR domain, which may play an important role in the pathogenesis of MDS and AML. Recent studies have shown that PRDM16 normally acts as a Smad3 binding protein that may be important for the development of orofacial structures through modulation of the TGF-beta signaling pathway. Other experiments have indicated that PRDM16 controls a bidirectional cell fate switch between skeletal myoblasts and brown fat cells.
Product Categories/Family for anti-PRDM16 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	55665817
UniProt Accession #	Q9HAZ2; Q8WYJ9; Q9C0I8; A6NHQ8; B1AJP7; B1AJP8; B1AJP9; B1WB48
Molecular Weight	120,338 Da
UniProt Protein Name	PR domain zinc finger protein 16
UniProt Gene Name	PRDM16
UniProt Synonym Gene Names	MDS1/EV11-like gene 1
UniProt Entry Name	PRD16_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/prdm16-antibody-immunohistochemistry-western-blot-elisa/307669>