

Rabbit PRDM16 Polyclonal Antibody | anti-PRDM16 antibody

PRDM16 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197548	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Rat, Cow, Guinea Pig, Horse, Pig	Western Blot

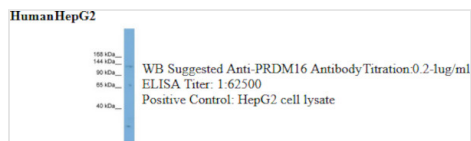
PRODUCT SYNONYMS

PRDM16; Polyclonal Antibody; PRDM16 antibody - middle region; anti-PRDM16 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Rat, Cow, Guinea Pig, Horse, Pig
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer and 0.09% (w/v) sodium azide.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide located within the following region: LN HTQDAKLPS LGNPALPLVS AVSNSSQGT AAAGPEEKFE SRLEDSCV
Sequence Length	1275
Applicable Applications for anti-PRDM16 antibody	WB (Western Blot)
Homology	Cow: 92%; Dog: 77%; Guinea Pig: 86%; Horse: 85%; Human: 100%; Mouse: 79%; Pig: 92%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PRDM16
Protein Size (# AA)	1275 amino acids
Protein Interactions	TFAP4; UBC; HDAC2; Ctbp2; SUMO1; SKI; SMAD3; SMAD2; INADL;
Blocking Peptide	For anti-PRDM16 antibody is Catalog #
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-PRDM16 antibody	Target Description: 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 protein encoded by this gene is a zinc finger transcription factor and contains an N-terminal PR domain. 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. Alternatively spliced transcript variants encoding distinct isoforms have been reported.
Product Categories/Family for anti-PRDM16 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	289547573
NCBI GeneID	63976
NCBI Accession #	NP_071397
NCBI GenBank Nucleotide #	NM_022114
UniProt Accession #	Q9HAZ2
Molecular Weight	140kDa
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	KIAA1675; MEL1; PFM13; 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.