

Rabbit anti-Human, Mouse PRDM12 Polyclonal Antibody | anti-PRDM12 antibody

PRDM12 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321106	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

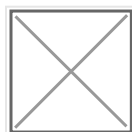
PRODUCT SYNONYMS

PRDM12; Polyclonal Antibody; PRDM12 Antibody; Gm998; PFM 9; PFM9; PR domain containing 12; PR domain containing protein 12; PR domain zinc finger protein 12; PR domain-containing protein 12; PRD12_HUMAN; PRDM 12; anti-PRDM12 antibody

PRODUCT SPECIFICATIONS

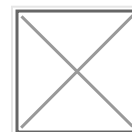
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	PRDM12 antibody detects endogenous levels of PRDM12
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	367
Applicable Applications for anti-PRDM12 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PRDM12
Subcellular Location	Nucleus.
Tissue Specificity	Not found in adult tissues except in dorsal root ganglia.
Predicted Cross Reactivity	Pig, Bovine, Rabbit, Dog, Chicken
Similarity	Pig (91%), Bovine (91%), Rabbit (91%), Dog (91%), Chicken (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA321106 staining HuvEc by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis on HuvEc cell lysate using PRDM12 Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PRDM12 antibody	Description: PRDM12 May be involved in transcriptional regulation. The SET domain is degenerated, suggesting that it has lost mehtyltransferase activity. Function: Involved in the positive regulation of histone H3-K9 dimethylation. Similarity: Belongs to the class V-like SAM-binding methyltransferase superfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15042949
NCBI GeneID	59335
NCBI Accession #	NP_067632.2
NCBI GenBank Nucleotide #	NM_021619.2
UniProt Accession #	Q9H4Q4; A3KFK9
Molecular Weight	Observed: 40 kDa Predicted: 41 kDa
NCBI Official Full Name	PR domain zinc finger protein 12
NCBI Official Synonym Full Names	PR/SET domain 12
NCBI Official Symbol	PRDM12
NCBI Official Synonym Symbols	PFM9; HSAN8
NCBI Protein Information	PR domain zinc finger protein 12
UniProt Protein Name	PR domain zinc finger protein 12
UniProt Gene Name	PRDM12
UniProt Synonym Gene Names	PFM9

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/prdm12-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/321106>