Rabbit PRDM14 Polyclonal Antibody | anti-PRDM14 antibody

PRDM14 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305831	**Rabbit**	**Human, Mouse, Rat**	**Chromatin Immunoprecipitation, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

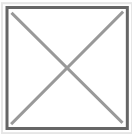
PRDM14; Polyclonal Antibody; PRDM14 antibody; PFM11; anti-PRDM14 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total PRDM14 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	571
Applicable Applications for anti-PRDM14 antibody	ChIP (Chromatin immunoprecipitation), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PRDM14.
Target Name	PRDM14
Preparation and Storage	Store at -20 degree C

IMAGES

ChIP (Chromatin Immunoprecipitation)
Chromatin immunoprecipitation analysis of RUNX1 gene from 293 cell line, using PRDM14 antibody and rabbit IgG. P1, P2, P3 and P4 were four probes located on RUNX1 gene as the schematic diagram illustrated. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



WB (Western Blot)
Western blot analysis of various groups from PA-1 cell line, using PRDM14 antibody. ShRNA-1, shRNA-2, shRNA-3, shRNA-4, shRNA-5, shRNA-6 show knock-down samples which are transfected by different shRNAs targeting PRDM14. Control represents the untreated one.

WB (Western Blot)
Western blot analysis of extracts of various cell lines, using PRDM14 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PRDM14 antibody	This gene encodes a member of the PRDI-BF1 and RIZ homology domain containing (PRDM) family of transcriptional regulators. The encoded protein may possess histone methyltransferase activity and plays a critical role in cell pluripotency by suppressing the expression of differentiation marker genes. Expression of this gene may play a role in breast cancer.
Product Categories/Family for anti-PRDM14 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	13375636
NCBI GeneID	63978
NCBI Accession #	NP_078780.1
NCBI GenBank Nucleotide #	NM_024504.3
UniProt Accession #	Q9GZV8; Q86UX9
Molecular Weight	64,062 Da
NCBI Official Full Name	PR domain zinc finger protein 14
NCBI Official Synonym Full Names	PR domain containing 14
NCBI Official Symbol	PRDM14
NCBI Official Synonym Symbols	PFM11
NCBI Protein Information	PR domain zinc finger protein 14
UniProt Protein Name	PR domain zinc finger protein 14
UniProt Gene Name	**PRDM14**
UniProt Entry Name	PRD14_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/prdm14-antibody-chromatin-immunoprecipitation-western-blot-elisa/305831