10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PRDM8 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16736a

Product Information

Application	WB, E
Primary Accession	Q9NQV8
Other Accession	Q8BZ97, NP_001092873.1, NP_064611.3
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB36275
Calculated MW	71663
Antigen Region	75-102

Additional Information

Gene ID	56978
Other Names	PR domain zinc finger protein 8, 211-, PR domain-containing protein 8, PRDM8, PFM5
Target/Specificity	This PRDM8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 75-102 amino acids from the N-terminal region of human PRDM8.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	PRDM8 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PRDM8
Synonyms	PFM5

Function	Probable histone methyltransferase, preferentially acting on 'Lys-9' of histone H3 (By similarity). Involved in the control of steroidogenesis through transcriptional repression of steroidogenesis marker genes such as CYP17A1 and LHCGR (By similarity). Forms with BHLHE22 a transcriptional repressor complex controlling genes involved in neural development and neuronal differentiation (By similarity). In the retina, it is required for rod bipolar and type 2 OFF-cone bipolar cell survival (By similarity).
Cellular Location	Nucleus.
Tissue Location	Expressed in brain, heart, skeletal muscle, testes, prostate.

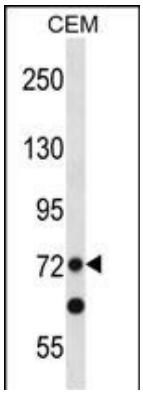
Background

PRDM8 may be involved in transcriptional regulation.

References

Newton-Cheh, C., et al. Nat. Genet. (2009) In press :
Xiao, B., et al. Curr. Opin. Struct. Biol. 13(6):699-705(2003)
Jiang, G.L., et al. Histol. Histopathol. 15(1):109-117(2000)

Images



PRDM8 Antibody (N-term) (Cat. #AP16736a) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the PRDM8 antibody detected the PRDM8 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.