

Goat Anti-PRDM4 / PFM1 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1862a**Specification**

Goat Anti-PRDM4 / PFM1 Antibody - Product Information

Application	WB
Primary Accession	O9UKN5
Other Accession	NP_036538 , 11108
Reactivity	Human, Mouse
Predicted	Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	87920

Goat Anti-PRDM4 / PFM1 Antibody - Additional Information**Gene ID** 11108**Other Names**

PR domain zinc finger protein 4, 2.1.1.-, PR domain-containing protein 4, PRDM4, PFM1

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-PRDM4 / PFM1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-PRDM4 / PFM1 Antibody - Protein Information**Name** PRDM4**Synonyms** PFM1**Function**

May function as a transcription factor involved in cell differentiation.

Cellular Location

Nucleus.

Tissue Location

Expressed in many tissues. Highly expressed in ovary, testis, pancreas, brain, heart and prostate

Goat Anti-PRDM4 / PFM1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-PRDM4 / PFM1 Antibody - Images

AF1862a (0.3 µg/ml) staining of human brain lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-PRDM4 / PFM1 Antibody - Background

The protein encoded by this gene is a transcription factor of the PR-domain protein family. It contains a PR-domain and multiple zinc finger motifs. Transcription factors of the PR-domain family are known to be involved in cell differentiation and tumorigenesis. An elevated expression level of this gene has been observed in PC12 cells treated with nerve growth factor, beta polypeptide (NGF). This gene is located in a chromosomal region that is thought to contain tumor suppressor genes.

Goat Anti-PRDM4 / PFM1 Antibody - References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.
The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.
Functional proteomics mapping of a human signaling pathway. Colland F, et al. Genome Res, 2004

Jul. PMID 15231748.

Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.

Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.