

PRDM5 (PFM2) Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1205a

Specification

PRDM5 (PFM2) Antibody - Product Information

Primary Accession	O9NOX1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

PRDM5 (PFM2) Antibody - Additional Information

Gene ID 11107

Other Names

PR domain zinc finger protein 5, 211-, PR domain-containing protein 5, PRDM5, PFM2

Target/Specificity

This PRDM5 (PFM2) antibody is generated from rabbits immunized with purified recombinant GST fusion protein encoding the N-terminal region of human PRDM5.

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

PRDM5 (PFM2) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

PRDM5 (PFM2) Antibody - Protein Information

Name PRDM5

Synonyms PFM2

Function Sequence-specific DNA-binding transcription factor. Represses transcription at least in part by recruitment of the histone methyltransferase EHMT2/G9A and histone deacetylases such as HDAC1. Regulates hematopoiesis-associated protein-coding and microRNA (miRNA) genes. May regulate the expression of proteins involved in extracellular matrix development and maintenance, including fibrillar collagens, such as COL4A1 and COL11A1, connective tissue components, such as HAPLN1, and molecules regulating cell migration and adhesion, including EDIL3 and TGFB2. May cause G2/M arrest and apoptosis in cancer cells.

Cellular Location

Nucleus

Tissue Location

Widely expressed with highest levels in colon and ovary. Tends to be silenced in breast, colorectal, gastric and liver cancer tissues.

PRDM5 (PFM2) 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](#)

PRDM5 (PFM2) Antibody - Images**PRDM5 (PFM2) 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.

PRDM5 (PFM2) Antibody - References

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).

PRDM5 (PFM2) Antibody - Citations

- [PRDM5 identified as a target of epigenetic silencing in colorectal and gastric cancer.](#)