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PRDM6 (PFM3) Antibody Blocking peptide
Catalog # BP1206a

Specification

PRDM6 (PFM3) Antibody Blocking peptide - Product Information

Primary Accession Q9NQX0

PRDM6 (PFM3) Antibody Blocking peptide - Additional Information

Gene ID 93166

Other Names
Putative histone-lysine N-methyltransferase PRDM6, 2.1.1.43, PR domain zinc finger protein 6, PR domain-containing protein 6, PRDM6, PFM3

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PRDM6 (PFM3) Antibody Blocking peptide - Protein Information

Name PRDM6

Synonyms PFM3

Function
Putative histone methyltransferase that acts as a transcriptional repressor of smooth muscle gene expression. Promotes the transition from differentiated to proliferative smooth muscle by suppressing differentiation and maintaining the proliferative potential of vascular smooth muscle cells. Also plays a role in endothelial cells by inhibiting endothelial cell proliferation, survival and differentiation. It is unclear whether it has histone methyltransferase activity in vivo. According to some authors, it does not act as a histone methyltransferase by itself and represses transcription by recruiting EHMT2/G9a. According to others, it possesses histone methyltransferase activity when associated with other proteins and specifically methylates 'Lys-20' of histone H4 in vitro. 'Lys-20' methylation represents a specific tag for epigenetic transcriptional repression.

Cellular Location
Nucleus {ECO:0000250|UniProtKB:Q3UZD5}.

PRDM6 (PFM3) Antibody Blocking peptide - Protocols

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

- Blocking Peptides

PRDM6 (PFM3) Antibody Blocking peptide - Images