

PRDM12 Antibody

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AM1195a-400

Specification

PRDM12 Antibody - Product info

Application	WB
Primary Accession	Q9H4Q4
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Names	49AT1111.91.20
Calculated MW	40403

PRDM12 Antibody - Additional info

Gene ID 59335

Other Names

PR domain zinc finger protein 12, 211-, PR domain-containing protein 12, PRDM12, PFM9

Target/Specificity

This PRDM12 antibody was raised using purified recombinant GST fusion protein encoding human PRDM12.

Dilution

WB~1:100~500

Format

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

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

PRDM12 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

PRDM12 Antibody - Protein Information

Name PRDM12

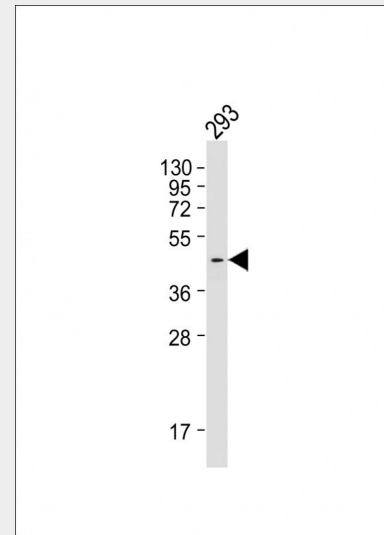
Synonyms PFM9

Function

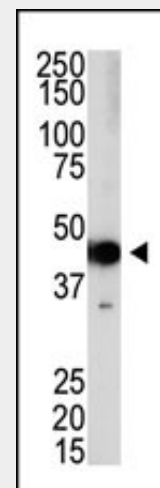
Involved in the positive regulation of histone H3-K9 dimethylation.

Cellular Location

Nucleus.



Anti-PRDM12 Antibody at 1:1000 dilution + 293 whole cell lysate
Lysates/proteins at 20 µg per lane.
Secondary Goat Anti-mouse IgG, (H+L),
Peroxidase conjugated at 1/10000 dilution. Predicted band size : 40 kDa
Blocking/Dilution buffer: 5% NFD/MTBST.



Western analysis of extracts from 293 cells using PRDM12 antibody.

Tissue Location

Not found in adult tissues except in dorsal root ganglia.

PRDM12 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](#)

PRDM12 Antibody - References

SET domains and histone methylation. Xiao B, et al. *Curr Opin Struct Biol*, 2003 Dec. PMID 14675547. A potential role for PRDM12 in the pathogenesis of chronic myeloid leukaemia with derivative chromosome 9 deletion. Reid AG, et al. *Leukemia*, 2004 Jan. PMID 14523459. The prototypical 4.1R-10-kDa domain and the 4.1g-10-kDa paralog mediate fodrin-actin complex formation. Kontogianni-Konstantopoulos A, et al. *J Biol Chem*, 2001 Jun 8. PMID 11274145. The yin-yang of PR-domain family genes in tumorigenesis. Jiang GL, et al. *Histol Histopathol*, 2000 Jan. PMID 10668202.