PRDM12 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PRDM12, Polyclonal Antibody
Full Product Name	PRDM12 Polyclonal Antibody
Product Gene Name	anti-PRDM12 antibody
Product Synonym Names	HSAN8; PFM9
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
3D Structure	ModBase 3D Structure for Q9H4Q4
Immunogen	Recombinant fusion protein of human PRDM12.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PRDM12 antibody	Western Blot (WB)
Application Notes for anti-PRDM12 antibody	WB: 1:500-1:2000
Related Product Information for anti-PRDM12 antibody	This gene encodes a transcriptional regulator of sensory neuronal specification that plays a critical role in pain perception. The encoded protein contains an N-terminal PRDI-BF1 and RIZ homology (PR) domain, a SET domain, and three C-terminal C2H2 zinc finger DNA-binding domains. Naturally occurring mutations in this gene are associated with congenital insensitivity to pain (CIP), and hereditary sensory and autonomic neuropathies (HSAN's) affecting peripheral sensory and autonomic neurons. Deregulation of this gene is associated with solid cancers and hematological malignancies including chronic myeloid leukaemia. [provided by RefSeq, Mar 2017]
Other Notes	Small volumes of anti-PRDM12 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PRDM12 purchase	MBS8572323 is an antibody targeting PRDM12. Also known as PRDM12 Polyclonal Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PRDM12. It may not necessarily be applicable to this product.

NCBI GI #	15042949
NCBI GeneID	59335
NCBI Accession #	NP_067632.2
UniProt Primary Accession #	Q9H4Q4

UniProt Related Accession #	Q9H4Q4
GenBank Nucleotide #	NP_067632.2
NCBI Official Full Name	PR domain zinc finger protein 12
NCBI Official Synonym Full Names	PR/SET domain 12
NCBI Official Symbol	PRDM12
NCBI Official Synonym Symbols	PFM9; HSAN8
UniProt Protein Name	PR domain zinc finger protein 12
UniProt Synonym Protein Names	PR domain-containing protein 12
Protein Family	PR domain zinc finger protein
UniProt Gene Name	PRDM12
UniProt Synonym Gene Names	PFM9
UniProt Entry Name	PRD12_HUMAN
NCBI Protein Information	PR domain zinc finger protein 12
UniProt Comments for PRDM12	PRDM12: May be involved in transcriptional regulation. Protein type: Methyltransferase, protein lysine, predicted; C2H2-type zinc finger protein Chromosomal Location of Human Ortholog: 9q34.12 Cellular Component: nucleus Molecular Function: methyltransferase activity; DNA binding; metal ion binding Biological Process: methylation; neurogenesis; regulation of transcription, DNA-dependent; transcription, DNA-dependent Disease: Neuropathy, Hereditary Sensory And Autonomic, Type Viii
Research Articles on PRDM12	**1.** The natural history of the PRDM12-CIP disorder.
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