

For Research Use Only

PRDM6 Polyclonal antibody

Catalog Number:33205-1-AP



Basic Information

Catalog Number: 33205-1-AP	GenBank Accession Number: NM_001136239	Purification Method: Antigen affinity Purification
Concentration: 350 ug/ml	GeneID (NCBI): 93166	Recommended Dilutions: WB: 1:1000-1:6000
Source: Rabbit	UNIPROT ID: Q9NQX0	
Isotype: IgG	Full Name: PR domain containing 6	
Immunogen Catalog Number: AG38054	Calculated MW: 595aa, 64 kDa	
	Observed MW: 75 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Jurkat cells, MCF-7 cells, MDA-MB-231 cells
Species Specificity: human	

Background Information

PRDM6 is a poorly characterized member of the PRDF1 and RIZ1 homology domain-containing (PRDM) family of transcription factors that possess histone lysine methyltransferase activities through their catalytic SET domain. Based on findings in other species, PRDM6 is currently classified as a pseudo-methyltransferase that may interact with the methyltransferase G9a and corepressors to indirectly affect the methylation status of histone H3 lysine and histone H4 lysine. PRDM6 inhibition may have therapeutic value in PRDM6-expressing medulloblastomas (PMID: 38992221). PRDM6 has one glycosylation modification site.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

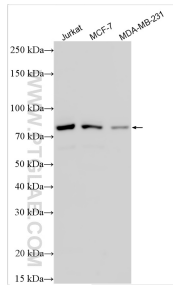
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33205-1-AP (PRDM6 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.