

For Research Use Only

PRDM2 Polyclonal antibody

Catalog Number: 27718-1-AP



Basic Information

Catalog Number: 27718-1-AP	GenBank Accession Number: NM_001007257	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 900 ug/ml by Nanodrop and 467 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7799	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	Full Name: PR domain containing 2, with ZNF domain	
Isotype: IgG	Calculated MW: 189 kDa	
Immunogen Catalog Number: AG26769	Observed MW: 250-280 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells,
Species Specificity: Human	

Background Information

PRDM2, also named as KMT8, RIZ, is a 1718 amino acid protein, which belongs to the class V-like SAM-binding methyltransferase superfamily. PRDM2 localizes in the nucleus and is highly expressed in retinoblastoma cell lines and in brain tumors and is also expressed in a number of other cell lines and in brain, heart, skeletal muscle, liver and spleen. Isoform 1 is expressed in testis at much higher level than isoform 3. PRDM2 as a S-adenosyl-L-methionine-dependent histone methyltransferase that specifically methylates 'Lys-9' of histone H3. May function as a DNA-binding transcription factor. The calculated molecular weight of PRDM2 is about 189 kDa. PRDM2 exists some isoforms with 250 kDa and 280 kDa. (PMID: 26040698)

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

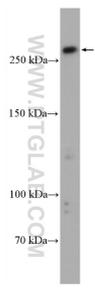
For technical support and original validation data for this product please contact:

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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 27718-1-AP (PRDM2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.