

For Research Use Only

JMJD5 Polyclonal antibody

Catalog Number: 20999-1-AP



Basic Information

Catalog Number: 20999-1-AP	GenBank Accession Number: BC027911	Purification Method: Antigen affinity purification
Size: 230 µg/ml	GeneID (NCBI): 79831	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q8N371	
Isotype: IgG	Full Name: jumonji domain containing 5	
Immunogen Catalog Number: AG15115	Calculated MW: 416 aa, 47 kDa	
	Observed MW: 50-60 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, Jurkat cells, MCF-7 cells, MDA-MB-453s cells
Species Specificity: human	

Background Information

JmjC (Jumonji-C) domain-containing 5 (JMJD5) (also called KDM8) is a 2-oxoglutarate (2-OG) dependent oxygenase of the JmjC subfamily. By shuttling between the nucleus and cytoplasm, JMJD5 could either associate with histones or cytosolic proteins, and thus plays an important role in embryonic development (PMID:22241836;22402282), circadian regulation (PMID:21115819), osteoclastogenesis (PMID:22375008), and stem-cell renewal (PMID:24740926).

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

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

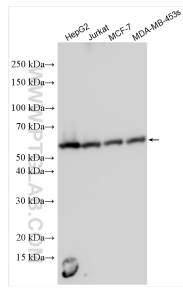
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20999-1-AP (JMJD5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.