

For Research Use Only

JMJD4 Polyclonal antibody

Catalog Number: 21572-1-AP **2 Publications**



Basic Information

Catalog Number: 21572-1-AP	GenBank Accession Number: BC109272	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 65094	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: jumonji domain containing 4	
Isotype: IgG	Calculated MW: 463 aa, 52 kDa	
Immunogen Catalog Number: AG16099	Observed MW: 48 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells
Cited Applications: WB	
Species Specificity: human	
Cited Species: human, mouse	

Background Information

JMJD4 (JmjC domain-containing protein 4, Jumonji domain-containing protein 4) is a member of the JmjC domain-containing proteins. Several JmjC domain-containing proteins have been reported to play a crucial role in the control of gene expression by acting as protein hydroxylases or histone demethylases (PMID: 16983801; 21300889). The function of JMJD4 protein remains unknown. The gene of JMJD4 maps to chromosome 1q42.13.

Notable Publications

Author	Pubmed ID	Journal	Application
Zhenyang Li	36333807	J Hematol Oncol	WB
Yansong Tang	37066795	Circulation	WB

Storage

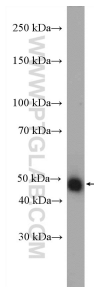
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 21572-1-AP (JMJD4 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.