

For Research Use Only

# JMJD4 Polyclonal antibody

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



## Basic Information

<b>Catalog Number:</b> 21572-1-AP	<b>GenBank Accession Number:</b> BC109272	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 400 µg/ml	<b>GeneID (NCBI):</b> 65094	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H9V9	
<b>Isotype:</b> IgG	<b>Full Name:</b> jumonji domain containing 4	
<b>Immunogen Catalog Number:</b> AG16099	<b>Calculated MW:</b> 463 aa, 52 kDa	
	<b>Observed MW:</b> 48 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, HEK-293 cells
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> 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

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

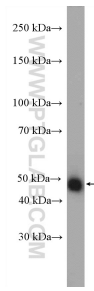
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## Selected Validation Data



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