

For Research Use Only

JMJD4 Polyclonal antibody

Catalog Number: 21572-1-AP

2 Publications



Basic Information

Catalog Number:

21572-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16099

GenBank Accession Number:

BC109272

GeneID (NCBI):

65094

UNIPROT ID:

Q9H9V9

Full Name:

jumonji domain containing 4

Calculated MW:

463 aa, 52 kDa

Observed MW:

48 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB: HeLa cells, HEK-293 cells

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

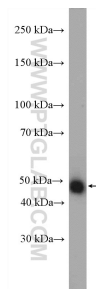
For technical support and original validation data for this product please contact:

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.