

JMJD5 Polyclonal antibody

Catalog Number: 20999-1-AP

Basic Information

Catalog Number:

20999-1-AP

Size:

230 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15115

GenBank Accession Number:

BC027911

GeneID (NCBI):

79831

UNIPROT ID:

Q8N371

Full Name:

jumonji domain containing 5

Calculated MW:

416 aa, 47 kDa

Observed MW:

50-60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HepG2 cells, Jurkat cells, MCF-7 cells, MDA-MB-453s cells

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:

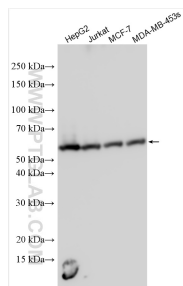
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.