

# JMJD4 Rabbit pAb

Catalog No.: A7992

## Basic Information

### Observed MW

65kDa

### Calculated MW

52kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

Enables 2-oxoglutarate-dependent dioxygenase activity. Involved in positive regulation of translational termination and protein hydroxylation. Located in cytoplasm.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**IF/ICC** 1:50 - 1:200

## Immunogen Information

### Gene ID

65094

### Swiss Prot

Q9H9V9

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-463 of human JMJD4 (NP\_075383.2).

### Synonyms

JMJD4

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

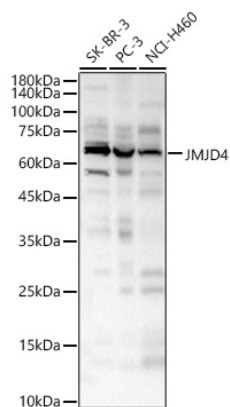
Affinity purification

### Storage

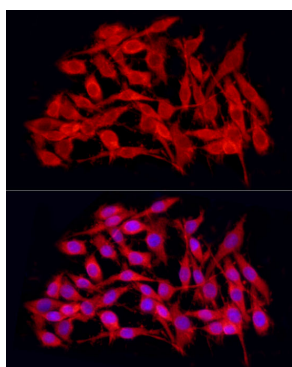
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of various lysates, using JMJD4 antibody (A7992) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.



Immunofluorescence analysis of PC-12 cells using JMJD4 Rabbit pAb (A7992) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.