

A9780

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# JMJD3 Rabbit pAb

Catalog No.: A9780

## Basic Information

### Observed MW

177kDa

### Calculated MW

176kDa/180kDa

### Category

Polyclonal Antibody

### Applications

WB

### Cross-Reactivity

Human,Mouse

## Background

Enables beta-catenin binding activity; histone H3-tri/di-methyl-lysine-27 demethylase activity; and sequence-specific DNA binding activity. Involved in several processes, including histone H3-K27 demethylation; mesodermal cell differentiation; and positive regulation of cold-induced thermogenesis. Acts upstream of or within several processes, including cellular response to hydrogen peroxide; histone demethylation; and positive regulation of transcription by RNA polymerase II. Located in nucleus. Is expressed in several structures, including brain; gut; liver; metanephros; and olfactory epithelium. Orthologous to human KDM6B (lysine demethylase 6B).

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

216850

### Swiss Prot

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

Jmjd3; 1700064E03Rik; JMJD3

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

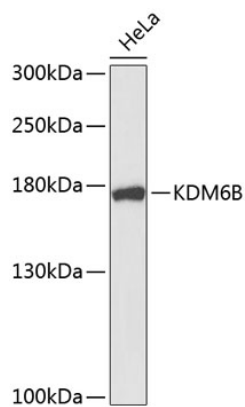
### Storage

Store at 4°C. Avoid freeze / thaw cycles.

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

## Validation Data

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Western blot analysis of lysates from HeLa cells, using JMJD3 Rabbit pAb (A9780).  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.