# [KO Validated] KDM5B Rabbit pAb

www.abclonal.com

ABclonal

Catalog No.: A7772 KO Validated 1 Publications

## **Basic Information**

#### **Observed MW**

176kDa

#### **Calculated MW**

176kDa

#### Category

Primary antibody

#### **Applications**

WB,IF/ICC,ELISA

#### **Cross-Reactivity**

Human, Mouse

## **Background**

This gene encodes a lysine-specific histone demethylase that belongs to the jumonji/ARID domain-containing family of histone demethylases. The encoded protein is capable of demethylating tri-, di- and monomethylated lysine 4 of histone H3. This protein plays a role in the transcriptional repression or certain tumor suppressor genes and is upregulated in certain cancer cells. This protein may also play a role in genome stability and DNA repair. Alternate splicing results in multiple transcript variants.

## **Recommended Dilutions**

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

1:50 - 1:200 IF/ICC

Recommended starting **ELISA** concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements.

## **Immunogen Information**

**Gene ID Swiss Prot** 10765 Q9UGL1

#### **Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

## **Synonyms**

CT31; PLU1; PUT1; MRT65; PLU-1; JARID1B; PPP1R98; RBP2-H1; RBBP2H1A; 5B

## **Contact**

<u>a</u>		400-999-6126
$\bowtie$		cn.market@abclonal.com.cn
$\odot$	Τ	www.abclonal.com.cn

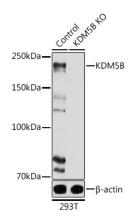
## **Product Information**

Source Isotype **Purification** lgG Rabbit Affinity purification

#### Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of lysates from wild type (WT) and KDM5B knockout (KO) 293T cells, using [KO Validated] KDM5B Rabbit pAb (A7772) at 1:1000 dilution.

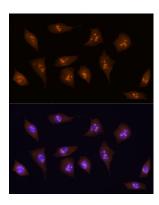
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Immunofluorescence analysis of L929 cells using [KO Validated] KDM5B Rabbit pAb (A7772) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.