

[KO Validated] KDM5B Rabbit pAb

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

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

10765

Swiss Prot

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

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Product Information

Source

Rabbit

Isotype

IgG

Purification

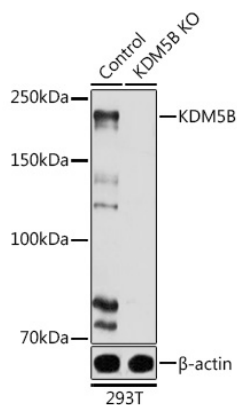
Affinity purification

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

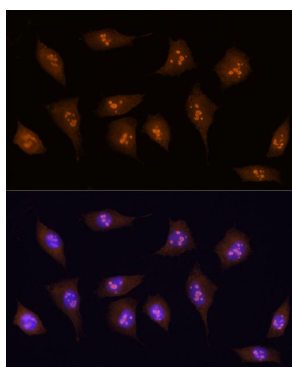
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

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.