

KDM4A Rabbit mAb

Catalog No.: A9267 **Recombinant**

Basic Information

Observed MW

150kDa

Calculated MW

121kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse

CloneNo number

ARC1503

Background

This gene is a member of the Jumonji domain 2 (JMJD2) family and encodes a protein containing a JmjN domain, a JmjC domain, a JD2H domain, two TUDOR domains, and two PHD-type zinc fingers. This nuclear protein functions as a trimethylation-specific demethylase, converting specific trimethylated histone residues to the dimethylated form, and as a transcriptional repressor.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

9682

Swiss Prot

O75164

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 550-650 of human KDM4A (O75164).

Synonyms

JMJD2; JHDM3A; JMJD2A; TDRD14A; KDM4A

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

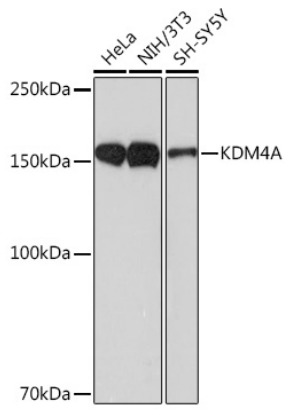
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using KDM4A Rabbit mAb (A9267) 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: 90s.