

KDM4A

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 121kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human KDM4A

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

JMJD2; JHDM3A; JMJD2A; TDRD14A;

Catalog #: A7953

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 9682

Isotype: IgG

Swiss Prot: O75164

Purity: Affinity purification

For research use only.

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.

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