

## 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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