

KDM3A Rabbit pAb

Catalog No.: A2322 **3 Publications**

Basic Information

Observed MW

147kDa

Calculated MW

147kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

Background

Enables androgen receptor binding activity; histone H3-methyl-lysine-9 demethylase activity; and iron ion binding activity. Involved in several processes, including androgen receptor signaling pathway; formaldehyde biosynthetic process; and histone H3-K9 demethylation. Located in nucleoplasm. Implicated in cervical cancer and colon cancer. Biomarker of Ewing sarcoma; hepatocellular carcinoma; nasopharynx carcinoma; and prostate cancer.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

55818

Swiss Prot

Q9Y4C1

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human KDM3A (NP_060903.2).

Synonyms

TSGA; JMJD1; JHDM2A; JHMD2A; JMJD1A; KDM3A

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

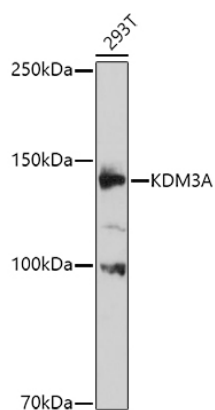
Affinity purification

Storage

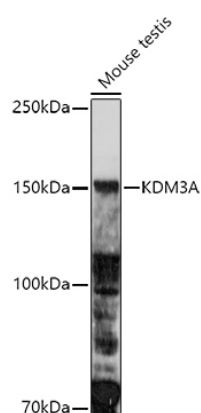
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of 293T cells, using KDM3A antibody (A2322) 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: 30s.



Western blot analysis of extracts of Mouse testis, using KDM3A antibody (A2322) 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: 180s.