

Rabbit JMJD2A Polyclonal Antibody | anti-JMJD2A antibody

JMJD2A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306274	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

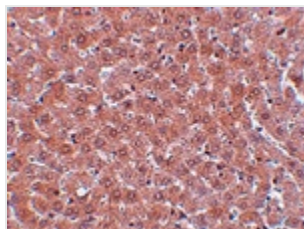
PRODUCT SYNONYMS

JMJD2A; Polyclonal Antibody; JMJD2A Antibody; Jumonji domain-containing protein 2A; Lysine-specific demethylase 4A; KDM4A; anti-JMJD2A antibody

PRODUCT SPECIFICATIONS

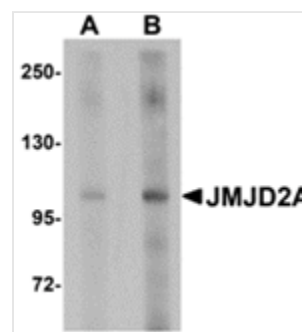
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	481
Applicable Applications for anti-JMJD2A antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 14 amino acid peptide from near the center of human JMJD2A.
Target Name	JMJD2A
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of JMJD2A in rat liver tissue with JMJD2A antibody at 5 ug/mL.



WB (Western Blot)

Western blot analysis of JMJD2A in rat liver tissue lysate with JMJD2A antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-JMJD2A antibody	Members of the Jumonji domain 2 (JMJD2) family contain a JmjN domain, a JmjC domain, a JD2H domain, two TUDOR domains, and two PHD-type zinc fingers. The first member of this group, JMJD2A, is widely expressed in human tissues and cell lines and functions as a trimethylation-specific demethylase, converting specific trimethylated histone residues to the dimethylated form, and as a transcriptional repressor. JMJD2A can also form a complex with the androgen receptor (AR), a transcription factor that is pivotal for the development of prostate cancer. Overexpression of JMJD2A stimulates AR function and this stimulation is dependent on JMJD2A catalytic activity, suggesting that JMJD2A might be a critical protein with roles in cell proliferation and oncogenesis.
Product Categories/Family for anti-JMJD2A antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	55665236
UniProt Accession #	O75164; Q5VVB1
Molecular Weight	54,697 Da
UniProt Protein Name	Lysine-specific demethylase 4A
UniProt Gene Name	KDM4A
UniProt Synonym Gene Names	JHDM3A; JMJD2; JMJD2A; KIAA0677
UniProt Entry Name	KDM4A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/jmjd2a-antibody-immunohistochemistry-western-blot-elisa/306274>