

Rabbit KDM4B Polyclonal Antibody | anti-KDM4B antibody

KDM4B Polyclonal Antibody

CATALOG # AAA170275	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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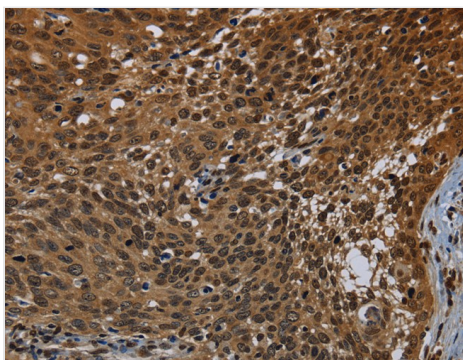
PRODUCT SYNONYMS

KDM4B; Polyclonal Antibody; KDM4B Polyclonal Antibody; JMJD2B; TDRD14B; anti-KDM4B antibody

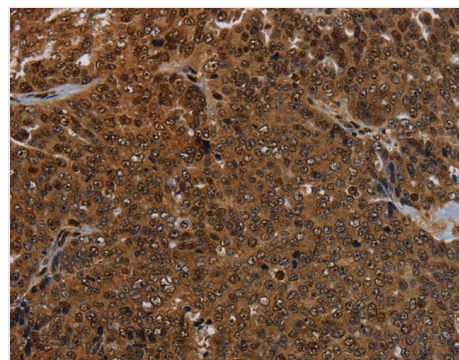
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	3.2mg/mL (varies by lot)
Sequence Length	448
Applicable Applications for anti-KDM4B antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human KDM4B
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using KDM4B Polyclonal Antibody at dilution 1:50


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using KDM4B Polyclonal Antibody at dilution 1:50

ADDITIONAL INFORMATION

Related Product Information for anti-KDM4B antibody	JMJD2B (JmjC domain-containing histone demethylation protein 3A) is a 1, 064 amino acid protein encoded by the human gene JMJD2B. JMJD2B belongs to the JMJD2B histone demethylase family and contains one JmjC domain, one JmjN domain, two PHD-type zinc fingers and two Tudor domains. The two Tudor domains recognize and bind methylated histones and have an interdigitated structure; the unusual fold is required for its ability to bind methylated histone tails. JMJD2B is a histone demethylase that specifically demethylates Lys 9 residues of Histone H3, thereby playing a role in histone code. It does not demethylate Histone H3 Lys 4, H3 Lys 27, H3 Lys 36 or H4 Lys 20, however, and is only able to demethylate trimethylated H3 Lys-9 and has weaker activity than JMJD2A, JMJD2C and JMJD2D. JMJD2B demethyl-ation of Lysine residues will generate formaldehyde and succinate. JMJD2B is a ubiquitously expressed nuclear protein.
Product Categories/Family for anti-KDM4B antibody	Epigenetics

NCBI AND UNIPROT INFORMATION

NCBI GI #	649139396
NCBI Official Full Name	KDM4B, partial

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://stage.aaabiotech.com/polyclonal/kdm4b-antibody-immunohistochemistry-elisa/170275>