

Rabbit anti-Human KDM4B Polyclonal Antibody | anti-KDM4B antibody

KDM4B Antibody

CATALOG # AAA306069	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	----------------------------	---

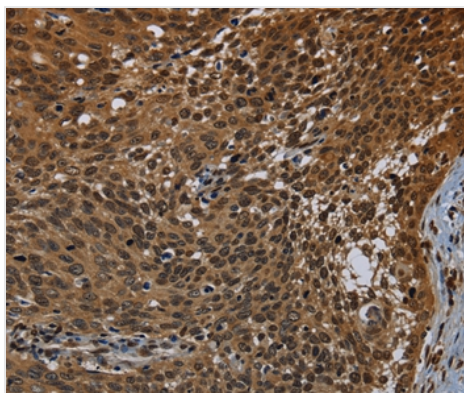
PRODUCT SYNONYMS

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

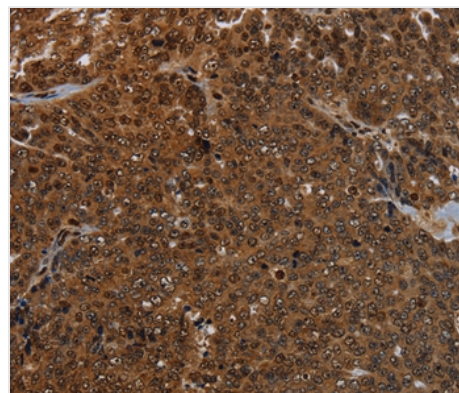
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total KDM4B protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	3.2 mg/ml (varies by lot)
Sequence Length	1096
Applicable Applications for anti-KDM4B antibody	IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human lysine (K)-specific demethylase 4B
Target Name	KDM4B
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using at dilution 1/50.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human ovarian cancer tissue using 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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	45504380
NCBI GeneID	23030
NCBI Accession #	NP_055830.1
NCBI GenBank Nucleotide #	NM_015015.2
UniProt Accession #	O94953; O75274; Q6P3R5; Q9P1V1; Q9UF40; B9EGN8; D6W631
Molecular Weight	50,582 Da
NCBI Official Full Name	lysine-specific demethylase 4B
NCBI Official Synonym Full Names	lysine (K)-specific demethylase 4B
NCBI Official Symbol	KDM4B
NCBI Official Synonym Symbols	JMJD2B; TDRD14B
NCBI Protein Information	lysine-specific demethylase 4B
UniProt Protein Name	Lysine-specific demethylase 4B
UniProt Gene Name	KDM4B
UniProt Synonym Gene Names	JHDM3B; JMJD2B; KIAA0876
UniProt Entry Name	KDM4B_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/kdm4b-antibody-immunohistochemistry-elisa/306069>