

Rabbit KDM4B Polyclonal Antibody | anti-KDM4B antibody

KDM4B antibody

CATALOG # AAA306420	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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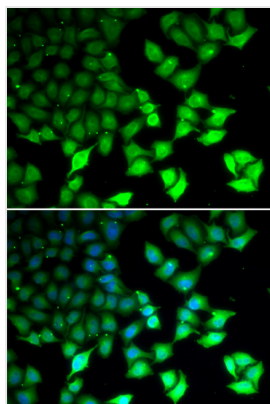
PRODUCT SYNONYMS

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

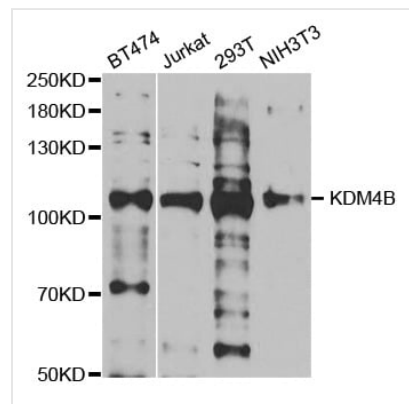
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total KDM4B antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1096
Applicable Applications for anti-KDM4B antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human KDM4B.
Target Name	KDM4B
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using KDM4B antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using KDM4B antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-KDM4B antibody	Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a role in histone code. Does not demethylate histone H3 'Lys-4', H3 'Lys-27', H3 'Lys-36' nor H4 'Lys-20'. Only able to demethylate trimethylated H3 'Lys-9', with a weaker activity than KDM4A, KDM4C and KDM4D. Demethylation of Lys residue generates formaldehyde and succinate.
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kdm4b-antibody-immunofluorescence-western-blot-elisa/306420>