

Rabbit anti-Human KDM1B Polyclonal Antibody | anti-KDM1B antibody

KDM1B Antibody

CATALOG # AAA231595	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

KDM1B; Polyclonal Antibody; KDM1B Antibody; Lysine-specific histone demethylase 1B; Flavin-containing amine oxidase domain-containing protein 1; Lysine-specific histone demethylase 2; AOF1; C6orf193; LSD2; anti-KDM1B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	590
Applicable Applications for anti-KDM1B antibody	IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Lysine-specific histone demethylase 1B protein
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-103387 / sc-103388
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA231595 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver tissue using AAA231595 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-KDM1B antibody	Histone demethylase that demethylates 'Lys-4' of histone H3, a specific tag for epigenetic transcriptional activation, thereby acting as a corepressor. Required for de novo DNA methylation of a subset of imprinted genes during oogenesis. Acts by oxidizing the substrate by FAD to generate the corresponding imine that is subsequently hydrolyzed. Demethylates both mono- and di-methylated 'Lys-4' of histone H3. Has no effect on tri-methylated 'Lys-4', mono-, di- or tri-methylated 'Lys-9', mono-, di- or tri-methylated 'Lys-27', mono-, di- or tri-methylated 'Lys-36' of histone H3, or on mono-, di- or tri-methylated 'Lys-20' of histone H4 (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116256451
NCBI GeneID	221656
NCBI Accession #	NP_694587.3
NCBI GenBank Nucleotide #	NM_153042.3
UniProt Accession #	Q8NB78; Q5TGV3; Q6AI15; Q6ZUU4; Q8N258; Q96EL7; A2A2C5; A2A2C6
Molecular Weight	19,428 Da
NCBI Official Full Name	lysine-specific histone demethylase 1B
NCBI Official Synonym Full Names	lysine demethylase 1B
NCBI Official Symbol	KDM1B
NCBI Official Synonym Symbols	AOF1; LSD2; C6orf193; bA204B7.3; dJ298J15.2
NCBI Protein Information	lysine-specific histone demethylase 1B
UniProt Protein Name	Lysine-specific histone demethylase 1B
UniProt Gene Name	KDM1B
UniProt Synonym Gene Names	AOF1; C6orf193; LSD2
UniProt Entry Name	KDM1B_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/kdm1b-antibody-immunohistochemistry-elisa/231595>