

Rabbit anti-Human KDM4D Polyclonal Antibody | anti-KDM4D antibody

KDM4D Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233374	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

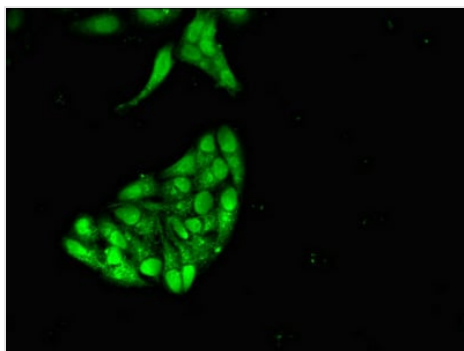
PRODUCT SYNONYMS

KDM4D; Polyclonal Antibody; KDM4D Antibody; Lysine-specific demethylase 4D; JmjC domain-containing histone demethylation protein 3D; Jumonji domain-containing protein 2D; JHDM3D; JMJD2D; anti-KDM4D antibody

PRODUCT SPECIFICATIONS

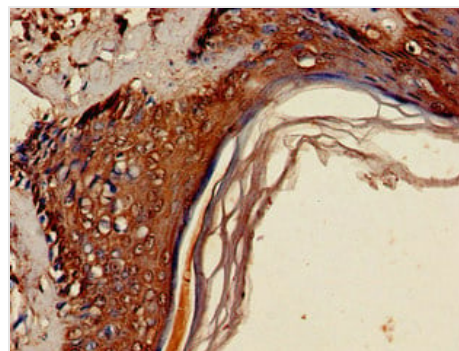
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	523
Applicable Applications for anti-KDM4D antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Lysine-specific demethylase 4D protein (337-499AA)
Conjugation	Non-conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
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



IF (Immunofluorescence)

Immunofluorescent analysis of Hela cells using AAA233374 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human skin tissue using AAA233374 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-KDM4D antibody	Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a central role in histone code. Does not demethylate histone H3 'Lys-4', H3 'Lys-27', H3 'Lys-36' nor H4 'Lys-20'. Demethylates both di- and trimethylated H3 'Lys-9' residue, while it has no activity on monomethylated residues. Demethylation of Lys residue generates formaldehyde and succinate.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	39653317
NCBI GeneID	55693
NCBI Accession #	NP_060509.2
NCBI GenBank Nucleotide #	NM_018039.2
UniProt Accession #	Q6B0I6; Q0VF39; Q9NT41; Q9NW76; B3KPC4
Molecular Weight	58,603 Da
NCBI Official Full Name	lysine-specific demethylase 4D
NCBI Official Synonym Full Names	lysine demethylase 4D
NCBI Official Symbol	KDM4D
NCBI Official Synonym Symbols	JMJD2D
NCBI Protein Information	lysine-specific demethylase 4D
UniProt Protein Name	Lysine-specific demethylase 4D
UniProt Gene Name	KDM4D
UniProt Synonym Gene Names	JHDM3D; JMJD2D

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/kdm4d-antibody-immunofluorescence-immunohistochemistry-elisa/233374>