

Rabbit anti-Human KDM4A Polyclonal Antibody | anti-KDM4A antibody

KDM4A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231769	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

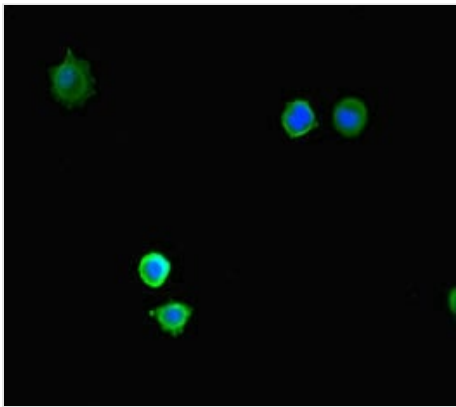
PRODUCT SYNONYMS

KDM4A; Polyclonal Antibody; KDM4A Antibody; Lysine-specific demethylase 4A; JmjC domain-containing histone demethylation protein 3A; Jumonji domain-containing protein 2A; JHDM3A; JMJD2; JMJD2A; KIAA0677; anti-KDM4A antibody

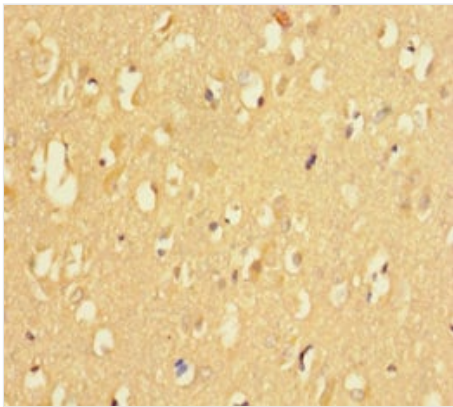
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1064
Applicable Applications for anti-KDM4A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Lysine-specific demethylase 4A 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-54624
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

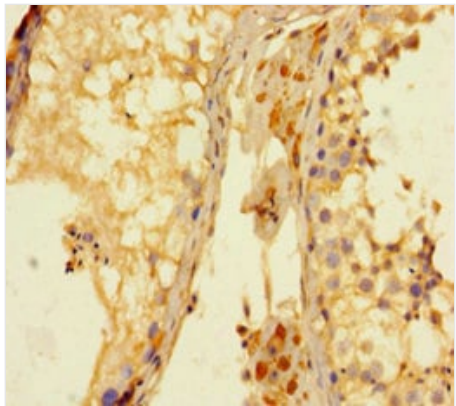
IMAGES



IHC (Immunohistochemisry)
Immunofluorescent analysis of MCF7 cells using AAA231769 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human brain tissue using AAA231769 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human testis tissue using AAA231769 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-KDM4A antibody	Histone demethylase that specifically demethylates 'Lys-9' and 'Lys-36' residues of histone H3, thereby playing a central role in histone code. Does not demethylate histone H3 'Lys-4', H3 'Lys-27' nor H4 'Lys-20'. Demethylates trimethylated H3 'Lys-9' and H3 'Lys-36' residue, while it has no activity on mono- and dimethylated residues. Demethylation of Lys residue generates formaldehyde and succinate. Participates in transcriptional repression of ASCL2 and E2F-responsive promoters via the recruitment of histone deacetylases and NCOR1, respectively.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	98986459
NCBI GeneID	9682
NCBI Accession #	NP_055478.2
NCBI GenBank Nucleotide #	NM_014663.2
UniProt Accession #	O75164; Q5VVB1
Molecular Weight	54,697 Da
NCBI Official Full Name	lysine-specific demethylase 4A
NCBI Official Synonym Full Names	lysine demethylase 4A
NCBI Official Symbol	KDM4A

NCBI Official Synonym Symbols	JMJD2; JHDM3A; JMJD2A; TDRD14A
NCBI Protein Information	lysine-specific demethylase 4A
UniProt Protein Name	Lysine-specific demethylase 4A
UniProt Gene Name	KDM4A
UniProt Synonym Gene Names	JHDM3A; JMJD2; JMJD2A; KIAA0677
UniProt Entry Name	KDM4A_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/kdm4a-antibody-immunofluorescence-immunohistochemistry-elisa/231769>