Rabbit anti-Human, Mouse Lysine Specific Demethylase 4A Polyclonal Antibody | anti-KDM4A antibody

Polyclonal Antibody to Lysine Specific Demethylase 4A (KDM4A)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA141553	**Rabbit**	**Human, Mouse**	**ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

Lysine Specific Demethylase 4A; Polyclonal Antibody; Polyclonal Antibody to Lysine Specific Demethylase 4A (KDM4A); anti-KDM4A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against KDM4A. It has beenselected for its ability to recognize KDM4A in immunohistochemical staining andwestern blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Ant igen:Thetarge tproteinis fusedwitht woN-termin alTags,His -tagandT7- taganditss equenceisl istedbelow . MGSSH HHHHHSSGLV PRGSHMASMT GGQQMGRGS- YEKHVDEWNI GRLRTILDLV EKESGITIEG VNTPYLYFGM WKTSFAWHTE DMDLYSINYL HFGEPKSWYS VPPEHGKRLE RLAKGFFPGS AQSCEAFLRH KMTLISPLML KKYGIPFDKV TQEAGEFMIT FPYGYHAGFN
Sequence Length	1064
Applicable Applications for anti-KDM4A antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	KDM4A (Tyr141~Lys310)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Mouse
Conjugate	No Conjugate
Immunogen	Recombinant KDM4A (Tyr141~Lys310) expressed in E Coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES

Application Data
Knockout Validation: Lane 1: Wild-type MCF7 cell lysate; Lane 2: KDM4A knockout MCF7 cell lysate; Predicted MW: 120,54kd Observed MW: 50kd Primary Ab: 2ug/ml Rabbit Anti-Human KDM4A Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Stomach Tissue

IHC (Immunohistochemisry)
DAB staining on fromalin fixed paraffin-embedded lung tissue

WB (Western Blot)
Western Blot: Sample: Recombinant protein.

WB (Western Blot)
Western Blot: Sample: Mouse Cerebrum lysate; Primary Ab: 2ug/ml Rabbit Anti-Human KDM4A Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-KDM4A antibody	Knock-Out Validation Antibody

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

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/lysine-specific-demethylase-4a-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/141553