

Rabbit anti-Human, Mouse KDM7A Polyclonal Antibody | anti-KDM7A antibody

KDM7A Antibody

CATALOG # AAA310873	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

KDM7A; Polyclonal Antibody; KDM7A Antibody; JHDM1D; anti-KDM7A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total KDM7A protein.
Purity/Purification	Antigen affinity purification
Form/Format	pH 7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration	1 mg/mL (varies by lot)
Sequence Length	941
Applicable Applications for anti-KDM7A antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human KDM7A
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 47806(KDM7A Antibody) at dilution 1/35.(Original magnification: 200



IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 47806(KDM7A Antibody) at dilution 1/35.(Original magnification: 200

ADDITIONAL INFORMATION

Related Product Information for anti-KDM7A antibody

Histone demethylase required for brain development. Specifically demethylates dimethylated 'Lys-9' and 'Lys-27' (H3K9me2 and H3K27me2, respectively) of histone H3 and monomethylated histone H4 'Lys-20' residue (H4K20Me1), thereby playing a central role in histone code. Specifically binds trimethylated 'Lys-4' of histone H3 (H3K4me3), affecting histone demethylase specificity: in presence of H3K4me3, it has no demethylase activity toward H3K9me2, while it has high activity toward H3K27me2. Demethylates H3K9me2 in absence of H3K4me3. Has activity toward H4K20Me1 only when nucleosome is used as a substrate and when not histone octamer is used as substrate.

NCBI AND UNIPROT INFORMATION

NCBI GI #	90093355
NCBI GeneID	80853
NCBI Accession #	NP_085150.1
NCBI GenBank Nucleotide #	NM_030647.2
UniProt Accession #	Q6ZMT4; Q6MZL8; Q9C0E5; A4D1S9; C9JJH9; C9JQU2
Molecular Weight	92,001 Da
NCBI Official Full Name	lysine-specific demethylase 7A
NCBI Official Synonym Full Names	lysine demethylase 7A
NCBI Official Symbol	KDM7A
NCBI Official Synonym Symbols	JHDM1D
NCBI Protein Information	lysine-specific demethylase 7A
UniProt Protein Name	Lysine-specific demethylase 7A
UniProt Gene Name	KDM7A
UniProt Synonym Gene Names	JHDM1D; KDM7; KIAA1718

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/kdm7a-antibody-immunohistochemistry-elisa/310873>