

Rabbit anti-Human, mouse JHDM2a Polyclonal Antibody | anti-KDM3A antibody

JHDM2a Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288369	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

JHDM2a; Polyclonal Antibody; JHDM2a Antibody (N-term); Lysine-specific demethylase 3A; 11411-; JmjC domain-containing histone demethylation protein 2A; Jumonji domain-containing protein 1A; KDM3A; JHDM2A; JMJD1; JMJD1A; KIAA0742; TSGA; anti-KDM3A antibody

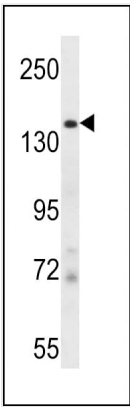
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This JHDM2a antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 50-79 amino acids from the N-terminal region of human JHDM2a.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	50-79
Sequence Length	1,321
Applicable Applications for anti-KDM3A antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
JHDM2a Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of JHDM2a Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
JHDM2a Antibody (N-term) western blot analysis in mouse testis tissue lysates (35ug/lane).This demonstrates the JHDM2a antibody detected the JHDM2a protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-KDM3A antibody	JHDM2a is a zinc finger protein that contains a jumonji domain. It is a histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a central role in histone code. This protein preferentially demethylates mono- and dimethylated H3 'Lys-9' residue, with a preference for dimethylated residue, while it has weak or no activity on trimethylated H3 'Lys-9'. Demethylation of Lys residue generates formaldehyde and succinate. It is involved in hormone-dependent transcriptional activation, by participating in recruitment to androgen-receptor target genes, resulting in H3 'Lys-9' demethylation and transcriptional activation.
References	Wellmann,S., Biochem. Biophys. Res. Commun. 372 (4), 892-897 (2008) Yamane,K., Cell 125 (3), 483-495 (2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	226442779
NCBI GeneID	55818
NCBI Accession #	NP_001140160.1; NP_060903.2
NCBI GenBank Nucleotide #	NM_001146688.1
UniProt Accession #	Q9Y4C1; Q53S72; Q68D47; Q68UT9; Q6N050; Q8IY08; D6W5M3
Molecular Weight	147341
NCBI Official Full Name	lysine-specific demethylase 3A
NCBI Official Synonym Full Names	lysine (K)-specific demethylase 3A
NCBI Official Symbol	KDM3A
NCBI Official Synonym Symbols	TSGA; JMJD1; JHDM2A; JHMD2A; JMJD1A
NCBI Protein Information	lysine-specific demethylase 3A
UniProt Protein Name	Lysine-specific demethylase 3A
UniProt Gene Name	KDM3A
UniProt Synonym Gene Names	JHDM2A; JMJD1; JMJD1A; KIAA0742; TSGA
UniProt Entry Name	KDM3A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/jhdm2a-antibody-immunohistochemistry-western-blot-elisa/288369>