

Rabbit anti-Human JMJD2B/KDM4B Polyclonal Antibody | anti-JMJD2B/KDM4B antibody

JMJD2B/KDM4B antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA59997	Rabbit	Human	Western Blot, Immunoprecipitation, Immunofluorescence, Immunocytochemistry

PRODUCT SYNONYMS

JMJD2B/KDM4B; Polyclonal Antibody; JMJD2B/KDM4B antibody (pAb); TDRD14B; anti-JMJD2B/KDM4B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Purified IgG in PBS with 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-JMJD2B/KDM4B antibody	WB (Western Blot), IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry)
Immunogen	This JMJD2B/KDM4B antibody was raised against a peptide within the C-terminal region of human JMJD2B.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



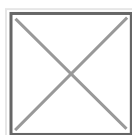
WB (Western Blot)

JMJD2B / KDM4B antibody (pAb) tested by Western blot. Nuclear extract of K-562 cells (40 ug) probed with JMJD2B antibody (pAb) at a dilution of 1:500.



WB (Western Blot)

JMJD2B / KDM4B antibody (pAb) tested by Immunoprecipitation. 4 ul of JMJD2B / KDM4B antibody was used to immunoprecipitate JMJD2B / KDM4B from 500 ug of K562 whole cell extract (lane 2). 4 ug of mouse IgG was used as a negative control (lane 1). The immunoprecipitated protein was detected by Western blotting using the JMJD2B / KDM4B antibody at a dilution of 1:500.



IF (Immunofluorescence)

JMJD2B / KDM4B antibody (pAb) tested by Immunofluorescence. Formaldehyde fixed HeLa cells stained with JMJD2B / KDM4B antibody at a 1:2,000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-JMJD2B/KDM4B antibody	Short Description: Our JMJD2B/KDM4B antibody (pAb) was raised in a Rabbit host. It has been validated for use in Immunocytochemistry, Immunofluorescence, Immunoprecipitation and Western blot; it has been shown to react with Human samples. Background: JMJD2B/KDM4B (JmjC domain-containing histone demethylation protein 3B, Jumonji domain-containing protein 2B, JHDM3B) is a histone demethylase that has been shown to demethylate histone H3 trimethylated at lysine 9. JMJD2B/KDM4B is physically associated with the MLL2 methyltransferase complex where it serves as a co-factor for ERa-mediated transcriptional activation.
Product Categories/Family for anti-JMJD2B/KDM4B antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	45504380
NCBI GeneID	23030
NCBI Accession #	NP_055830; AB_2615033
NCBI GenBank Nucleotide #	NM_015015
UniProt Accession #	O94953
Molecular Weight	122kDa
NCBI Official Full Name	lysine-specific demethylase 4B
NCBI Official Synonym Full Names	lysine demethylase 4B
NCBI Official Symbol	KDM4B
NCBI Official Synonym Symbols	JMJD2B; TDRD14B
NCBI Protein Information	lysine-specific demethylase 4B
UniProt Protein Name	Lysine-specific demethylase 4B
UniProt Gene Name	KDM4B
UniProt Synonym Gene Names	JHDM3B; JMJD2B; KIAA0876
UniProt Entry Name	KDM4B_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/jmjd2b-kdm4b-antibody-western-blot-immunoprecipitation-immunofluorescence-immunocytochemistry-elisa/59997>