

Rabbit JMJD1B Polyclonal Antibody | anti-KDM3B antibody

JMJD1B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39217	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

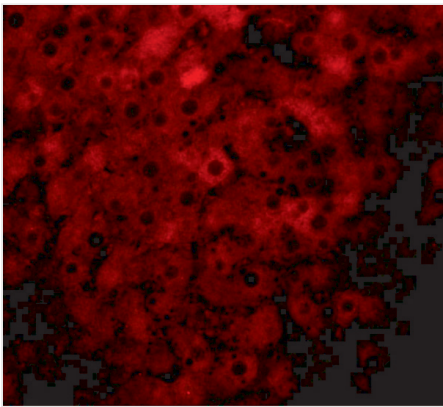
PRODUCT SYNONYMS

JMJD1B; Polyclonal Antibody; JMJD1B Antibody; 5qNCA; NET22; C5orf7; JHDM2B; KIAA1082; Lysine-specific demethylase 3B; JmjC domain-containing histone demethylation protein 2B; lysine (K)-specific demethylase 3B; anti-KDM3B antibody

PRODUCT SPECIFICATIONS

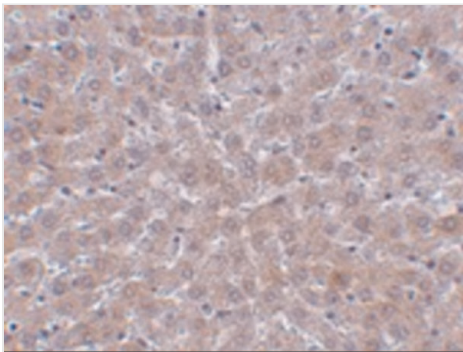
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody will not cross-react with JMJD1A or JMJD1C.
Purity/Purification	JMJD1B Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1761
Applicable Applications for anti-KDM3B antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	JMJD1B antibody was raised against a 20 amino acid synthetic peptide from near the center of human JMJD1B.
Buffer	JMJD1B Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	JMJD1B antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



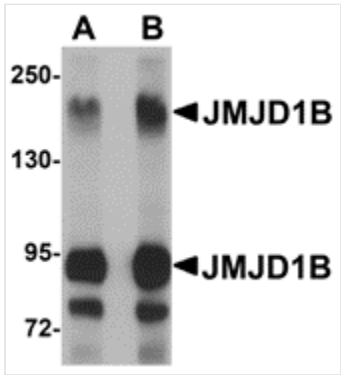
IF (Immunofluorescence)

Immunofluorescence of JMJD1B in rat liver tissue with JMJD1B antibody at 20 µg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of JMJD1B in rat liver tissue with JMJD1B antibody at 2.5 µg/mL.



WB (Western Blot)

Western blot analysis of JMJD1B in rat liver tissue lysate with JMJD1B antibody at (A) 1 and (B) 2 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-KDM3B antibody

JMJD1B Antibody: The jumonji domain containing 1B protein (JMJD1B) was originally discovered as a candidate for the myeloid leukemia tumor suppressor gene. Besides CD34+ cells and acute myeloid leukemia (AML) cell lines, JMJD1B mRNA is highly expressed in liver, heart, kidney, skeletal muscle, and placenta tissues. The JMJD1B gene is localized to a region of chromosome 5q31, which is frequently deleted in myeloid leukemias and myelodysplasias and expression of JMJD1B in a del(5q) cell line results in suppression of clonogenic growth suggesting that JMJD1B may function as a tumor suppressor. In contrast, JMJD1B gene copy number and mRNA expression level was increased in several non-small cell lung cancers indicating that the role of JMJD1B in cancer formation and progression is more complex than originally postulated. At least three isoforms of JMJD1B are known to exist.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119582545
NCBI GeneID	51780
UniProt Accession #	Q7LBC6; Q9BVH6; Q9BW93; Q9BZ52; Q9NYF4; Q9UPS0; A6H8X7
Molecular Weight	84,712 Da
NCBI Official Full Name	jumonji domain containing 1B, isoform CRA_a
NCBI Official Synonym Full Names	lysine (K)-specific demethylase 3B
NCBI Official Symbol	KDM3B
NCBI Official Synonym Symbols	5qNCA; NET22; C5orf7; JMJD1B

NCBI Protein Information	lysine-specific demethylase 3B; nuclear protein 5qNCA; jumonji domain containing 1B; jumonji domain-containing protein 1B; jmjC domain-containing histone demethylation protein 2B
UniProt Protein Name	Lysine-specific demethylase 3B
UniProt Gene Name	KDM3B
UniProt Synonym Gene Names	C5orf7; JHDM2B; JMJD1B; KIAA1082
UniProt Entry Name	KDM3B_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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