

Rabbit anti-Human JMJD1B Polyclonal Antibody | anti-JMJD1B antibody

Rabbit anti-JMJD1B Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211198	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

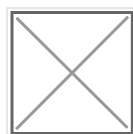
PRODUCT SYNONYMS

JMJD1B; Polyclonal Antibody; Rabbit anti-JMJD1B Antibody; Affinity Purified; jumonji domain-containing protein 1B; NET22; nuclear protein 5qNCA; lysine-specific demethylase 3B; lysine (K)-specific demethylase 3B; jmjC domain-containing histone demethylation protein 2B; 5qNCA; jumonji domain containing 1B; C5orf7; Lysine-specific demethylase 3B; lysine demethylase 3B; anti-JMJD1B antibody

PRODUCT SPECIFICATIONS

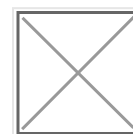
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-JMJD1B antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse
Immunogen	Between 1711 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human JMJD1B by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-JMJD1B antibody AAA211198 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate (B). JMJD1B was also immunoprecipitated by rabbit anti-JMJD1B antibody BL3820, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).



IHC (Immunohistochemistry)

Detection of human JMJD1B by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-JMJD1B (Cat. No. AAA211198 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-JMJD1B antibody	JMJD1B is a member of the jumonji (jmi) domain containing gene family of histone demethylases that plays a role in chromatin regulation and influences transcriptional activation and suppression. Some recently characterized members of the jmi family include JARID1A/RBP2, JARID1C, JMJD1A, JMJD1B, JMJD1C, JMJD2A, JMJD2C and JMJD2D. JMJD1B was identified as the 5qNCA gene that lies within a locus on chromosome 5 that is frequently deleted in myeloid leukemias and myelodysplasias. JMJD1B has been demonstrated to have growth suppressive activity and is implicated as a tumor suppressor gene.
Product Categories/Family for anti-JMJD1B antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	38372909
NCBI GeneID	51780
NCBI Accession #	NP_057688.2
NCBI GenBank Nucleotide #	NM_016604.3
UniProt Accession #	Q7LBC6; Q9BVH6; Q9BW93; Q9BZ52; Q9NYF4; Q9UPS0; A6H8X7
Molecular Weight	84,712 Da
NCBI Official Full Name	lysine-specific demethylase 3B
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; jmiC 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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/jmjd1b-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211198>