

Rabbit anti-Human, Mouse JMJD2B Polyclonal Antibody | anti-JMJD2B antibody

Rabbit anti-JMJD2B Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211496	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

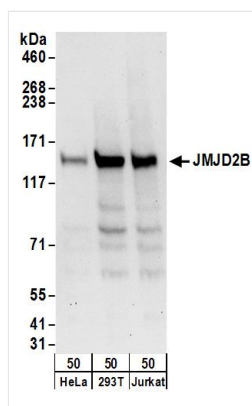
PRODUCT SYNONYMS

JMJD2B; Polyclonal Antibody; Rabbit anti-JMJD2B Antibody; Affinity Purified; jmjC domain-containing histone demethylation protein 3B; tudor domain containing 14B; TDRD14B; lysine-specific demethylase 4B; jumonji domain-containing protein 2B; jumonji domain containing 2B; lysine (K)-specific demethylase 4B; Lysine-specific demethylase 4B; lysine demethylase 4B; anti-JMJD2B antibody

PRODUCT SPECIFICATIONS

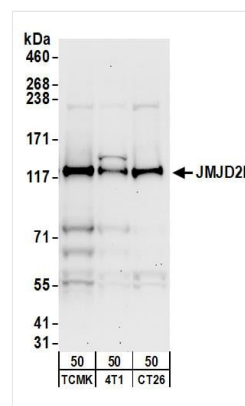
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-JMJD2B antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1046 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



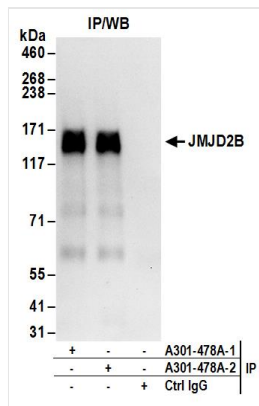
WB (Western Blot)

Detection of human JMJD2B by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-JMJD2B antibody AAA211496 (lot AAA211496-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



WB (Western Blot)

Detection of mouse JMJD2B by western blot. Samples: Whole cell lysate (50 ug) from TCMK-1, 4T1, and CT26.WT cells. Antibodies: Affinity purified rabbit anti-JMJD2B antibody AAA211496 (lot AAA211496-2) used for WB at 0.5 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)
 Detection of human JMJD2B by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-JMJD2B antibody AAA211496 (lot AAA211496-2) used for IP at 6 ug/mg lysate. JMJD2B was also immunoprecipitated by a previous lot (lot AAA211496-1) of this antibody For blotting immunoprecipitated JMJD2B, AAA211496-2 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-JMJD2B antibody	JMJD2B 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. JMJD2B has been shown to be capable of antagonizing H3K9 trimethylation.
Product Categories/Family for anti-JMJD2B antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	45504380
NCBI GeneID	23030
NCBI Accession #	NP_055830.1
NCBI GenBank Nucleotide #	NM_015015.2
UniProt Accession #	O94953; O75274; Q6P3R5; Q9P1V1; Q9UF40; B9EGN8; D6W631
Molecular Weight	121,897 Da
NCBI Official Full Name	lysine-specific demethylase 4B
NCBI Official Synonym Full Names	lysine (K)-specific demethylase 4B
NCBI Official Symbol	KDM4B
NCBI Official Synonym Symbols	JMJD2B; TDRD14B
NCBI Protein Information	lysine-specific demethylase 4B; tudor domain containing 14B; jumonji domain containing 2B; jumonji domain-containing protein 2B; jmiC domain-containing histone demethylation protein 3B
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.

