

Rabbit anti-Human JARID1B Polyclonal Antibody | anti-JARID1B antibody

Rabbit anti-JARID1B Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211640	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

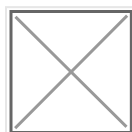
PRODUCT SYNONYMS

JARID1B; Polyclonal Antibody; Rabbit anti-JARID1B Antibody; Affinity Purified; PLU-1; retinoblastoma-binding protein 2 homolog 1; CT31; RBP2-H1; retinoblastoma-binding protein 2; homolog 1A; RBBP2H1A; putative DNA/chromatin binding motif; PUT1; protein phosphatase 1; regulatory subunit 98; PPP1R98; MRT65; lysine-specific demethylase 5B; lysine (K)-specific demethylase 5B; jumonji/ARID domain-containing protein 1B; jumonji; AT rich interactive domain 1B; histone demethylase JARID1B; cancer/testis antigen 31; PLU1; Lysine-specific demethylase 5B; lysine demethylase 5B; anti-JARID1B antibody

PRODUCT SPECIFICATIONS

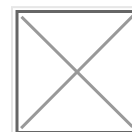
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-JARID1B antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1494 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



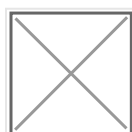
WB (Western Blot)

Detection of human JARID1B by western blot. Samples: Whole cell lysate (50 ug) from HeLa, 293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-JARID1B antibody AAA211640 (lot AAA211640-3) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human JARID1B by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-JARID1B antibody AAA211640 (lot AAA211640-3) used for IP at 6 ug per reaction. JARID1B was also immunoprecipitated by a previous lot of this antibody (lot AAA211640-2). For blotting immunoprecipitated Jarid1B, AAA211640 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



IHC (Immunohistochemistry)

Detection of human JARID1B by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Rabbit anti-JARID1B antibody (AAA211640 lot 3) used at 1:500 (2ug/ml). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.

ADDITIONAL INFORMATION

Related Product Information for anti-JARID1B antibody	JARID1B (Jumonji AT-rich interactive domain 1B) is a member of the JARID 1 family of proteins that catalyze the demethylation of histones on lysine. The Jarid 1 family members include JARID1A, JARID1B, JARID1C and JARID1D. The members of this family possess a Jumonji C (JmjC) and Jumonji N (JmjN) domain as well as one ARID (AT-rich interactive domain) and three PHD-type zinc fingers. As histone demethylases, JARID 1 proteins function as transcriptional repressors. JARID1B expression is largely restricted to testis and may play a critical role in tumorigenesis as it has been found to be upregulated in prostate and breast cancer.
Product Categories/Family for anti-JARID1B antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	57242795
NCBI GeneID	10765
NCBI Accession #	NP_006609.3
NCBI GenBank Nucleotide #	NM_006618
UniProt Accession #	Q9UGL1; O95811; Q15752; Q9Y3Q5
Molecular Weight	179,409 Da
NCBI Official Full Name	Homo sapiens lysine (K)-specific demethylase 5B (KDM5B), mRNA
NCBI Official Synonym Full Names	lysine (K)-specific demethylase 5B
NCBI Official Symbol	KDM5B
NCBI Official Synonym Symbols	CT31; PLU1; PUT1; PLU-1; JARID1B; PPP1R98; RBBP2H1A
NCBI Protein Information	lysine-specific demethylase 5B; RBP2-H1; cancer/testis antigen 31; histone demethylase JARID1B; jumonji, AT rich interactive domain 1B; jumonji/ARID domain-containing protein 1B; protein phosphatase 1, regulatory subunit 98; putative DNA/chromatin binding
UniProt Protein Name	Lysine-specific demethylase 5B
UniProt Gene Name	KDM5B
UniProt Synonym Gene Names	JARID1B; PLU1; RBBP2H1; CT31; RBP2-H1

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/jarid1b-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211640>