

Rabbit anti-Human JARID1C Polyclonal Antibody | anti-JARID1C antibody

Rabbit anti-JARID1C Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211284	Rabbit	Human	Chromatin Immunoprecipitation, Immunoprecipitation, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

JARID1C; Polyclonal Antibody; Rabbit anti-JARID1C Antibody; Affinity Purified; lysine-specific demethylase 5C; Smcy homolog; X-linked; Smcx homolog; X chromosome; SMCX; Protein Xe169; Protein SmcX; MRXSJ; MRXSCJ; XE169; DXS1272E; MRXJ; histone demethylase JARID1C; JmjC domain-containing protein SMCX; Jumonji; AT rich interactive domain 1C (RBP2-like); Jumonji/ARID domain-containing protein 1C; lysine (K)-specific demethylase 5C; MRX13; Lysine-specific demethylase 5C; lysine demethylase 5C; anti-JARID1C 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-JARID1C antibody	ChIP (Chromatin immunoprecipitation), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Dog, Pig
Immunogen	Between 275 and 325
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 JARID1C by western blot. Samples: Whole cell lysate (50 ug) from HEK293T, HeLa, Jurkat, MCF-7, and RKO cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-JARID1C antibody AAA211284 (lot AAA211284-3) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human JARID1C by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-JARID1C antibody AAA211284 (lot AAA211284-3) used for IP at 6 ug per reaction. JARID1C was also immunoprecipitated by a previous lot of this antibody (lot AAA211284-2) and rabbit anti-JARID1C antibody For blotting immunoprecipitated JARID1C, AAA211284 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



ChIP (Chromatin Immunoprecipitation)

Localization of Jarid1C Binding Sites by ChIP-sequencing. Chromatin from K562 cells was immunoprecipitated with anti-Jarid1C antibody AAA211284 and analyzed by DNA sequencing. The figure illustrates the peak distribution of Jarid1C binding within a 500 Kb region of chromosome 1 as detected using anti-Jarid1C antibody AAA211284. ChIP-seq validation performed by Diagenode, Denville, NJ.

ADDITIONAL INFORMATION

Related Product Information for anti-JARID1C antibody	JARID1C 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. Mutations in JARID1C are associated with X-linked mental retardation.
Product Categories/Family for anti-JARID1C antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	109255243
NCBI GeneID	8242
NCBI Accession #	NP_004178.2
NCBI GenBank Nucleotide #	NM_004187.3
UniProt Accession #	P41229; Q5JUX3; Q5JUX4; Q5JUX5; Q7Z5S5; B0QZ44; B4E3I2; F5H3T1
Molecular Weight	175,592 Da
NCBI Official Full Name	lysine-specific demethylase 5C isoform 1
NCBI Official Synonym Full Names	lysine (K)-specific demethylase 5C
NCBI Official Symbol	KDM5C
NCBI Official Synonym Symbols	MRXJ; SMCX; MRX13; MRXSJ; XE169; MRXSCJ; JARID1C; DXS1272E
NCBI Protein Information	lysine-specific demethylase 5C; Smcy homolog, X-linked; Smcx homolog, X chromosome; histone demethylase JARID1C; JmjC domain-containing protein SMCX; Jumonji/ARID domain-containing protein 1C; Jumonji, AT rich interactive domain 1C (RBP2-like)
UniProt Protein Name	Lysine-specific demethylase 5C
UniProt Gene Name	KDM5C
UniProt Synonym Gene Names	DXS1272E; JARID1C; SMCX; XE169
UniProt Entry Name	KDM5C_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/jarid1c-antibody-chromatin-immunoprecipitation-immunoprecipitation-western-blot-elisa/211284>