

Rabbit anti-Human JMJD2A Polyclonal Antibody | anti-JMJD2A antibody

Rabbit anti-JMJD2A Antibody, Affinity Purified

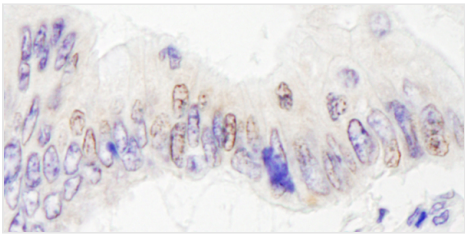
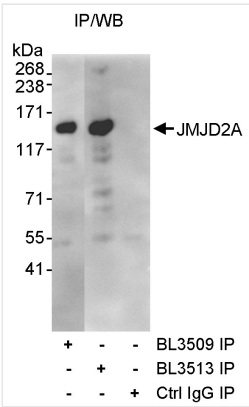
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211186	Rabbit	Human	Immunohistochemistry, Immunoprecipitation

PRODUCT SYNONYMS

JMJD2A; Polyclonal Antibody; Rabbit anti-JMJD2A Antibody; Affinity Purified; jumonji domain containing 2; tudor domain containing 14A; TDRD14A; lysine-specific demethylase 4A; lysine (K)-specific demethylase 4A; jumonji domain containing 2A; jumonji C domain-containing histone demethylase 3A; JMJD2; jmjC domain-containing histone demethylation protein 3A; JHDM3A; jumonji domain-containing protein 2A; Lysine-specific demethylase 4A; lysine demethylase 4A; anti-JMJD2A 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-JMJD2A antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Predicted Reactivity	Orangutan
Immunogen	Between 350 and 400
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



IHC (Immunohistochemistry)
Detection of human JMJD2A by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-JMJD2A (Cat. No. AAA211186 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

IP (Immunoprecipitation)
Detection of human JMJD2A 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-JMJD2A antibody BL3509 (Cat. No. AAA211186) used for IP at 3 ug/mg lysate. JMJD2A was also immunoprecipitated by rabbit anti-JMJD2A antibody BL3513 (Cat. No. which recognizes a downstream epitope. For blotting immunoprecipitated JMJD2A, BL3513 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-JMJD2A antibody	JMJD2A 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. JMJD2A is a trimethylation-specific demethylase and functions as a transcriptional repressor. JMJD2A interacts with pRb and class one histone deacetylases to mediate repression of E2F-regulated promoters.
Product Categories/Family for anti-JMJD2A antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	9682
UniProt Accession #	O75164
UniProt Protein Name	Lysine-specific demethylase 4A
UniProt Gene Name	KDM4A
UniProt Synonym Gene Names	JHDM3A; JMJD2; JMJD2A; KIAA0677
UniProt Entry Name	KDM4A_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/jmjd2a-antibody-immunohistochemistry-immunoprecipitation-elisa/211186>