

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

Rabbit anti-JMJD2A Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211187	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

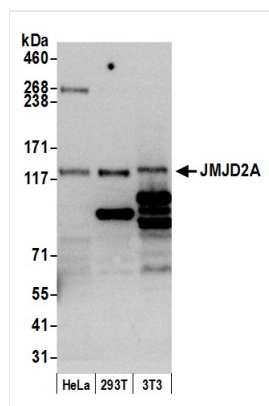
PRODUCT SYNONYMS

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

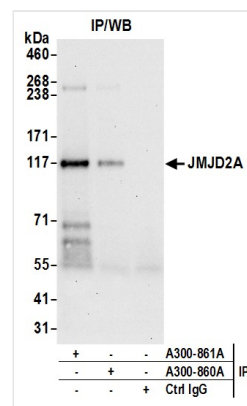
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-JMJD2A antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1014 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 and mouse JMJD2A by western blot. Samples: Nuclear extract (50 ug) from HeLa, HEK293T, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-JMJD2A antibody AAA211187 (lot AAA211187-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human JMJD2A by western blot of immunoprecipitates. Samples: Nuclear Extract (1 mg for IP; 20% of IP loaded) from HEK293T cells. Antibodies: Affinity purified rabbit anti-JMJD2A antibody AAA211187 (lot AAA211187-2) used for IP at 6 ug per reaction. JMJD2A was also immunoprecipitated by rabbit anti-JMJD2A antibody For blotting immunoprecipitated JMJD2A, AAA211187 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/jmjd2a-antibody-immunoprecipitation-western-blot-elisa/211187>