

Rabbit anti-Human, Mouse SMYD2 Polyclonal Antibody | anti-SMYD2 antibody

Rabbit anti-SMYD2 Antibody, Affinity Purified

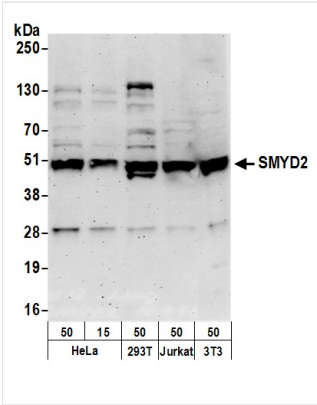
CATALOG # AAA212095	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

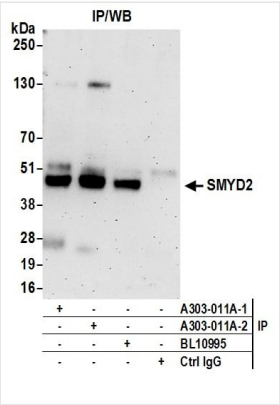
SMYD2; Polyclonal Antibody; Rabbit anti-SMYD2 Antibody; Affinity Purified; ZMYND14; histone methyltransferase SMYD2; HSKM-B; KMT3C; lysine N-methyltransferase 3C; N-lysine methyltransferase SMYD2; SET and MYND domain-containing protein 2; zinc finger; MYND domain containing 14; SET and MYND domain containing 2; anti-SMYD2 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-SMYD2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Chicken, Bovine, Pig
Immunogen	Between 383 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human and mouse SMYD2 by western blot. Samples: Whole cell lysate (50 & 15 ug) from HeLa, (50 ug) from HEK293T, Jurkat, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SMYD2 antibody AAA212095 (lot AAA212095-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)
Detection of human SMYD2 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SMYD2 antibody AAA212095 (lot AAA212095-2) used for IP at 6 ug per reaction. SMYD2 was also immunoprecipitated by a previous lot of this antibody (lot AAA212095-1) and rabbit anti-SMYD2 antibody BL10995. For blotting immunoprecipitated SMYD2, AAA212095 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-SMYD2 antibody	SET- and MYND-containing protein 2 (SMYD2) functions as a histone methyltransferase and has been reported to methylate p53 and histone H3.
Product Categories/Family for anti-SMYD2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	188035871
NCBI GeneID	56950
NCBI Accession #	NP_064582.2
NCBI GenBank Nucleotide #	NM_020197
UniProt Accession #	Q9NRG4; Q4V765; Q5VSH9; Q96AI4; B2R9P9; I6L9H7
Molecular Weight	50
NCBI Official Full Name	N-lysine methyltransferase SMYD2
NCBI Official Synonym Full Names	SET and MYND domain containing 2
NCBI Official Symbol	SMYD2
NCBI Official Synonym Symbols	KMT3C; HSKM-B; ZMYND14
NCBI Protein Information	N-lysine methyltransferase SMYD2
UniProt Protein Name	N-lysine methyltransferase SMYD2
UniProt Gene Name	SMYD2
UniProt Synonym Gene Names	KMT3C
UniProt Entry Name	SMYD2_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/smyd2-antibody-immunoprecipitation-western-blot-elisa/212095>