

Rabbit SMYD2 Polyclonal Antibody | anti-SMYD2 antibody

SMYD2 Antibody (N-term)

CATALOG # AAA289016	HOST Rabbit	REACTIVITY Human, mouse (Predicted Reactivity: Rat)	APPLICATIONS ELISA, Western Blot
-------------------------------	-----------------------	---	--

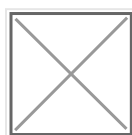
PRODUCT SYNONYMS

SMYD2; Polyclonal Antibody; SMYD2 Antibody (N-term); N-lysine methyltransferase SMYD2; 211-; HSKM-B; Histone methyltransferase SMYD2; Lysine N-methyltransferase 3C; SET and MYND domain-containing protein 2; KMT3C; anti-SMYD2 antibody

PRODUCT SPECIFICATIONS

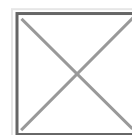
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SMYD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 120-152 amino acids from the N-terminal region of human SMYD2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	120-152
Sequence Length	272
Applicable Applications for anti-SMYD2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



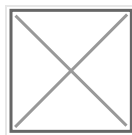
WB (Western Blot)

SMYD2 Antibody (N-term) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane). This demonstrates the SMYD2 antibody detected the SMYD2 protein (arrow).

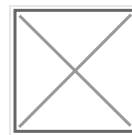


WB (Western Blot)

SMYD2 Antibody (N-term) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the SMYD2 antibody detected the SMYD2 protein (arrow).

**WB (Western Blot)**

Western blot analysis of SYMD2 (arrow) using rabbit polyclonal SYMD2 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the SYMD2 gene (Lane 2) (Origene Technologies).

**WB (Western Blot)**

All lanes : Anti-SMYD2 Antibody (N-term) at 1:2000 dilution
Lane 1: HT-1080 whole cell lysates
Lane 2: mouse heart lysates
Lane 3: Hela whole cell lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 50 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-SMYD2 antibody	SET domain-containing proteins, such as SMYD2, catalyze lysine methylation (Brown et al., 2006 [PubMed 16805913]).[supplied by OMIM].
References	Abu-Farha,M.,Mol. Cell Proteomics 7 (3), 560-572 (2008) Ewing,R.M.,Mol. Syst. Biol. 3, 89 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	188035871
NCBI GeneID	56950
NCBI Accession #	NP_064582.2
NCBI GenBank Nucleotide #	NM_020197.2
UniProt Accession #	Q9NRG4; Q4V765; Q5VSH9; Q96A14; B2R9P9; I6L9H7
Molecular Weight	49688
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/smyd2-antibody-western-blot-elisa/289016>