Rabbit anti-Human Histone-lysine N-methyltransferase SMYD3 Polyclonal Antibody | anti-SMYD3 antibody

Rabbit anti-human Histone-lysine N-methyltransferase SMYD3 polyclonal Antibody(SMYD3)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118930	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

Histone-lysine N-methyltransferase SMYD3; Polyclonal Antibody; Rabbit anti-human Histone-lysine N-methyltransferase SMYD3 polyclonal Antibody(SMYD3); SET and MYND domain-containing protein 3; Zinc finger MYND domain-containing protein 1; SMYD3; ZMYND1; ZNFN3A1; anti-SMYD3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	428
Applicable Applications for anti-SMYD3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Histone-lysine N-methyltransferase SMYD3 protein (199-428aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-49517 / sc-49519 / sc-67210
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES

IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human rectum using AAA118930 at dilution 1:100

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human breast cancer using AAA118930 at dilution 1:100

WB (Western Blot)
All lanes: Histone-lysine N-methyltransferase SMYD3 antibody at 3ug/mlLane 1:Hela whole cell lysateLane 2:HepG2 whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 50,30,43 kDaObserved band size: 49 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SMYD3 antibody	Histone methyltransferase. Specifically methylates 'Lys-4' and 'Lys-5' of histone H3, inducing di- and tri-methylation, but not monomethylation. Plays an important role in transcriptional activation as a member of an RNA polymerase complex. Binds DNA containing 5'-CCCTCC-3' or 5'-GAGGGG-3' sequences.

NCBI AND UNIPROT INFORMATION

NCBI GI #	267844824
NCBI GeneID	64754
NCBI Accession #	NP_001161212.1
NCBI GenBank Nucleotide #	NM_001167740.1
UniProt Accession #	Q9H7B4; Q86TL8; Q8N5Z6; Q96AI5; A8K0P0; B1AN38
Molecular Weight	42,625 Da
NCBI Official Full Name	histone-lysine N-methyltransferase SMYD3 isoform 1
NCBI Official Synonym Full Names	SET and MYND domain containing 3
NCBI Official Symbol	SMYD3
NCBI Official Synonym Symbols	KMT3E; ZMYND1; ZNFN3A1; bA74P14.1
NCBI Protein Information	histone-lysine N-methyltransferase SMYD3
UniProt Protein Name	Histone-lysine N-methyltransferase SMYD3
UniProt Gene Name	**SMYD3**
UniProt Synonym Gene Names	ZMYND1; ZNFN3A1
UniProt Entry Name	SMYD3_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/histone-lysine-n-methyltransferase-smyd3-antibody-immunohistochemistry-western-blot-elisa/118930