

Rabbit anti-Human SMYD3 Polyclonal Antibody | anti-SMYD3 antibody

SMYD3 Antibody (Center)

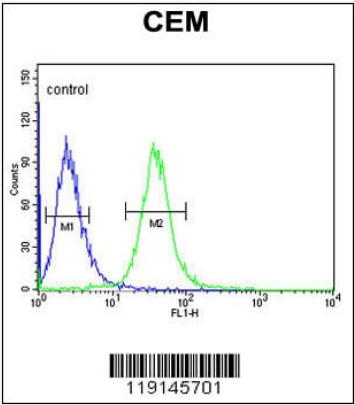
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290329	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

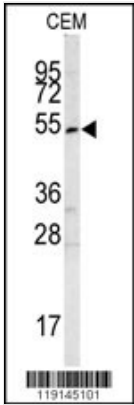
SMYD3; Polyclonal Antibody; SMYD3 Antibody (Center); Histone-lysine N-methyltransferase SMYD3; SET and MYND domain-containing protein 3; Zinc finger MYND domain-containing protein 1; ZMYND1; ZNFN3A1; anti-SMYD3 antibody

PRODUCT SPECIFICATIONS

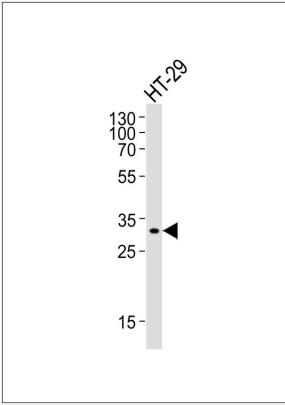
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SMYD3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 209-236 amino acids from the Central region of human SMYD3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
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	209-236
Sequence Length	369
Applicable Applications for anti-SMYD3 antibody	FCM/FACS (Flow Cytometry), 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.



FCM/FACS (Flow Cytometry)
SMYD3 Antibody (Center) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of SMYD3 antibody (Center) in CEM cell line lysates (35ug/lane). SMYD3 (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of lysate from HT-29 cell line, using SMYD3 Antibody (Center). AAA290329 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

ADDITIONAL INFORMATION

Related Product Information for anti-SMYD3 antibody	SMYD3 is a histone methyltransferase that plays a role in transcriptional regulation as a member of an RNA polymerase complex.
Product Categories/Family for anti-SMYD3 antibody	Cancer
References	Zou,J.N., Wang,S.Z. Cancer Lett. 280 (1), 78-85 (2009) Wang,S.Z., Luo,X.G. BMB Rep 41 (4), 294-299 (2008) Wang,H., Liu,Y. Cancer Sci. 99 (4), 787-791 (2008) Barlesi,F., Giaccone,G. Int. J. Cancer 122 (6), 1441-1442 (2008) Hamamoto,R., Silva,F.P. Cancer Sci. 97 (2), 113-118 (2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	267844824
NCBI GeneID	64754
NCBI Accession #	NP_001161212.1; NP_073580.1
NCBI GenBank Nucleotide #	NM_001167740.1
UniProt Accession #	Q9H7B4; Q86TL8; Q8N5Z6; Q96AI5; A8K0P0; B1AN38

Molecular Weight	49097
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/smyd3-antibody-flow-cytometry-western-blot-elisa/290329>