

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

SMYD2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279602	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

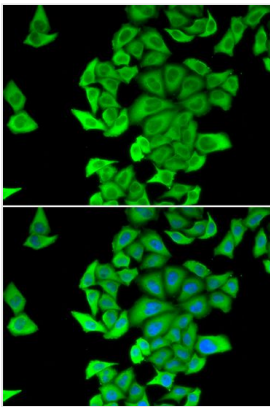
PRODUCT SYNONYMS

SMYD2; Polyclonal Antibody; SMYD2 Polyclonal Antibody; KMT3C; HSKM-B; ZMYND14; anti-SMYD2 antibody

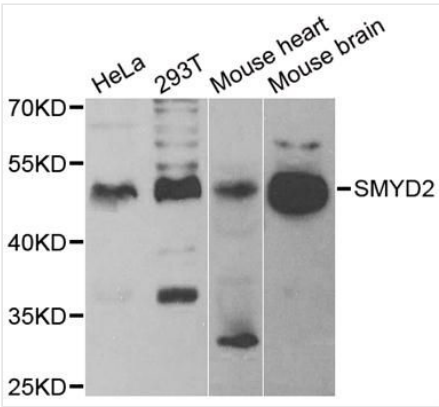
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	433
Applicable Applications for anti-SMYD2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human SMYD2
Calculated Molecular Weight	49kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using SMYD2 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using SMYD2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-SMYD2 antibody	SET domain-containing proteins, such as SMYD2, catalyze lysine methylation (Brown et al., 2006)
Product Categories/Family for anti-SMYD2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	90185234
NCBI GeneID	56950
UniProt Accession #	Q9NNG4; Q4V765; Q5VSH9; Q96A14; B2R9P9; I6L9H7
Molecular Weight	433
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; lysine N-methyltransferase 3C; histone methyltransferase SMYD2; zinc finger, MYND domain containing 14; SET and MYND domain-containing protein 2
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.