

Mouse SETDB1 Antibody | anti-SETDB1 antibody

SETDB1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108747	Mouse	Human, Mouse, Monkey	ELISA, Immunofluorescence, Western Blot

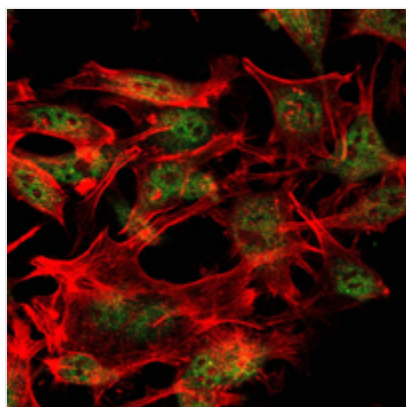
PRODUCT SYNONYMS

SETDB1; SETDB1 Antibody; ESET; KG1T; KMT1E; KIAA0067; H3-K9-HMTase4; anti-SETDB1 antibody

PRODUCT SPECIFICATIONS

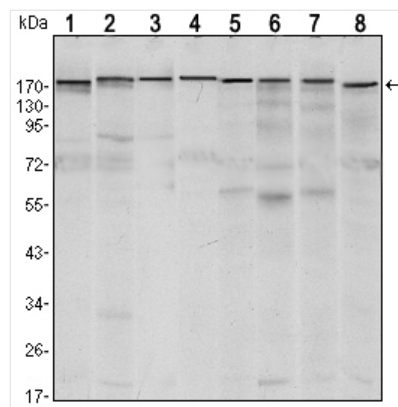
Host	Mouse
Reactivity	Human, Mouse, Monkey
Isotype	IgG1
Clone Number	5H6A12
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	1291
Applicable Applications for anti-SETDB1 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant fragment of human SETDB1 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES



IF (Immunofluorescence)

Figure 2: Immunofluorescence analysis of LOVO cells using SETDB1 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



WB (Western Blot)

Figure 1: Western blot analysis using SETDB1 mouse mAb against MCF-7 (1), T47D (2), HEK293 (3), JURKAT (4), NIH/3T3 (5), F9 (6), RAW246.7 (7) and Cos7 (8) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-SETDB1 antibody

This gene encodes a histone methyltransferase. The encoded enzyme catalyzes the reaction of S-adenosyl-L-methionine and histone L-lysine to produce S-adenosyl-L-homocysteine and histone N(6)-methyl-L-lysine. The encoded protein likely functions in transcriptional repression. Alternatively spliced transcript variants have been described.

Product Categories/Family for anti-SETDB1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224177467
NCBI GeneID	9869
NCBI Accession #	NP_001138887.1
NCBI GenBank Nucleotide #	NM_001145415.1
UniProt Accession #	Q15047; Q5SZD8; Q5SZD9; Q5SZE0; Q5SZE7; Q96GM9; A6NEW2
Molecular Weight	180kDa
NCBI Official Full Name	histone-lysine N-methyltransferase SETDB1 isoform 1
NCBI Official Synonym Full Names	SET domain bifurcated 1
NCBI Official Symbol	SETDB1
NCBI Official Synonym Symbols	ESET; KG1T; KMT1E; TDRD21; H3-K9-HMTase4
NCBI Protein Information	histone-lysine N-methyltransferase SETDB1
UniProt Protein Name	Histone-lysine N-methyltransferase SETDB1
UniProt Gene Name	SETDB1
UniProt Synonym Gene Names	KIAA0067; KMT1E; ESET; H3-K9-HMTase 4

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/mouse-human-monkey-mouse-antibody/setdb1/108747>