

Rabbit SETDB1 Polyclonal Antibody | anti-SETDB1 antibody

SETDB1 Antibody (C-term)

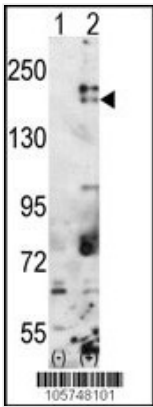
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288277	Rabbit	Human (Predicted Reactivity: Mouse, Xenopus, Zebrafish)	ELISA, Western Blot

PRODUCT SYNONYMS

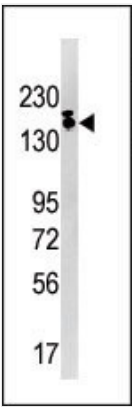
SETDB1; Polyclonal Antibody; SETDB1 Antibody (C-term); Histone-lysine N-methyltransferase SETDB1; ERG-associated protein with SET domain; ESET; Histone H3-K9 methyltransferase 4; H3-K9-HMTase 4; Lysine N-methyltransferase 1E; SET domain bifurcated 1; KIAA0067; KMT1E; anti-SETDB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Xenopus, Zebrafish)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SETDB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1193-1225 amino acids from the C-terminal region of human SETDB1.
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	1193-1225
Sequence Length	1291
Applicable Applications for anti-SETDB1 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.



WB (Western Blot)
Western blot analysis of SETDB1(arrow) using rabbit polyclonal SETDB1 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the SETDB1 gene (Lane 2) (Origene Technologies).



WB (Western Blot)
Western blot analysis of anti-SETDB1 Pab in Ramos cell line lysate (35ug/lane). SETDB1(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-SETDB1 antibody	The SET domain is a highly conserved, approximately 150-amino acid motif implicated in the modulation of chromatin structure. It was originally identified as part of a larger conserved region present in the Drosophila Trithorax protein and was subsequently identified in the Drosophila Su(var)3-9 and 'Enhancer of zeste' proteins, from which the acronym SET is derived. Studies have suggested that the SET domain may be a signature of proteins that modulate transcriptionally active or repressed chromatin states through chromatin remodeling activities.
References	Ichimura, T., et al., J. Biol. Chem. 280(14):13928-13935 (2005). Sarraf, S.A., et al., Mol. Cell 15(4):595-605 (2004). Wang, H., et al., Mol. Cell 12(2):475-487 (2003). Schultz, D.C., et al., Genes Dev. 16(8):919-932 (2002). Yang, L., et al., Biochem. J. 369 (PT 3), 651-657 (2003) (): ()

NCBI AND UNIPROT INFORMATION

NCBI GI #	224177467
NCBI GeneID	9869
NCBI Accession #	NP_001138887.1; NP_001230420.1; NP_036564.3
NCBI GenBank Nucleotide #	NM_001145415.1
UniProt Accession #	Q15047; Q5SZD8; Q5SZD9; Q5SZE0; Q5SZE7; Q96GM9; A6NEW2
Molecular Weight	143157
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/setdb1-antibody-western-blot-elisa/288277>