

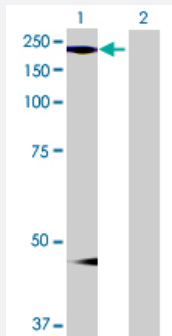
MaxPab®

SETDB1 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009869-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of SETDB1 expression in transfected 293T cell line ([H00009869-T01](#)) by SETDB1 MaxPab polyclonal antibody.

Lane 1: SETDB1 transfected lysate(141.9 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human SETDB1 protein.

Immunogen

SETDB1 (NP_036564.2, 1 a.a. ~ 1290 a.a) full-length human protein.

Sequence

MSSLPGCIGLDAATATVESEEIAELQQAVVEELGISMEELRHFIDEELEKMDCVQQRKKQLAELET
WVIQKESEVAHVDQLFDDASRAVTNCESLVKDFYSKLGQLQYRDSSSEDESSRPTEIIEIPDEDDDD
VLSIDSGDAGSRTPKDKQLREAMAALRKSAQDVQKFMDAVNKKSSSQDLHKGTLSQMSGELSK
DGD LIVSMRILGKKRTKTWHKGTIAIQT VGP GK KYK V KFDNKGKSLLSGNHIA YDYHPPADKLYVG
SRVVAKYKDG NQVWLYAGVAETPNVKNKLRFLIFFDDGYASYVTQSELYPICRPLKKTWEDIEDIS
CRDFIEEYVTAYPNRPMVLLKSGQLIKTEWEGTWKSRVEEVDGSLVRILFLDDKRCEWYRGST
RLEPMFSMKTSSASALEKKQGQLRTRPNMGAVRSKGPVVQYTQDLTGTGTQFKPVEPPQPTAP
PAPPFPAPPLSPQAGDS DLESQLAQSRKQVAKKSTSFRPGSVGSGHSSSTSPALSENVSGGK
PGINQTYRSPLGSTASAPAPSALPAPPAPPV FHGMLERAPAEP SYRAPMEKLFYLP HVCSYTCLS
RVRPMRNEQYRGKNPLL VPLL YDFRRMTARRRVNRKMGFHVYKTPCGLCLRTMQEIERYLFETG
CDFLFLEMFCLDPYVLVDRKFQPYKPFYILDITYGKEDVPLSCVNEIDTTPPPQVAYS KERIPGKG
VFINTGPEFLVGCDCKDGCRDKSKCACHQLTIQATACTPGGQINPNSGYQYKRLEECLPTGVYEC
NKRCKCDPNMCTNRLVQHGLQVRLQLFKTQNKGWGIRCLDDIAKGSFVCIYAGKILTDDFADKEG
LEMGDEYFANLDHIESVENFKEGYESDAPCSSDSSGVDLKDQEDGNSGTEDPEESNDDSSDDN
FCKDEDFSTSSVWRSYATRRQTRGQKENGLSETTSKDSHPPDLGPPHIPVPPSIPVGGCNPPSS
EETPKNKVASWLS CNSVSEGGFADSDSHSSFKTNEGGEGRAGGSRMEAEKASTSGLGIKDEG
DIKQAKKEDTDDRNMKSVVTESSRNYGYNPSPVKPEGLRRPPSKTSMHQSRRLMASAQSNPDD
VLTLSSTESEGESGTSRKPTAGQTSATAVDSDDIQTISSGSEGDDFEDKKNMTGPMKRQVAVK
STRGFALKSTHGIAIKSTNMASVDKGESAPVRKNTRQFYDGEESCYIIDAKLEGNLGRYLNHSCSP
NLFVQNVFVDTHDLRFPWVAFFASKIRAGTELTDYNYEVGSVEGKELLCCCGAIECRGRL

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (90); Rat (90)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

• Western Blot (Transfected lysate)

Western Blot analysis of SETDB1 expression in transfected 293T cell line ([H00009869-T01](#)) by SETDB1 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — SETDB1

Entrez GeneID	9869
GeneBank Accession#	NM_012432.2
Protein Accession#	NP_036564.2
Gene Name	SETDB1
Gene Alias	ESET, KG1T, KIAA0067, KMT1E
Gene Description	SET domain, bifurcated 1
Omim ID	604396
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	ERG-associated protein with a SET domain, ESET

Pathway

- [Lysine degradation](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)