



Anti-SETDB1 polyclonal antibody (DPAB-DC3482)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	SETDB1 (SET domain, bifurcated 1) is a protein-coding gene. Diseases associated with SETDB1 include yaws, and huntington's disease, and among its related super-pathways are Signal transduction Activin A signaling regulation. GO annotations related to this gene include DNA binding and histone-lysine N-methyltransferase activity. An important paralog of this gene is SETDB2.
Specificity	Specific to recombinant protein GX0398. This antibody detects mSETDB1 protein. It also recognizes human SETDB1 protein.
Immunogen	Recombinant GST fusion protein corresponding to 156 amino acids of mouse Setdb1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Conjugate	Unconjugated
Applications	WB,
Format	Liquid
Size	50 µg
Buffer	In PBS (50% glycerol, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Setdb1 SET domain, bifurcated 1 [Mus musculus (house mouse)]
Official Symbol	SETDB1
Synonyms	SETDB1; SET domain, bifurcated 1; ESET; KMT1E; AU022152; mKIAA0067; histone-lysine N-methyltransferase SETDB1; ERG-associated protein with SET domain; SET domain ERG-associated histone methyltransferase;
Entrez Gene ID	84505
Protein Refseq	NP_001157113
UniProt ID	D3YYC3
Chromosome Location	3; 3 F2
Pathway	Lysine degradation;
Function	DNA binding; histone-lysine N-methyltransferase activity; metal ion binding; methyltransferase activity