



SETB2 Polyclonal Antibody

Catalog No	YP-Ab-06657
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	SETDB2 C13orf4 CLLD8 KMT1F
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SETB2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	C13orf4;CLLD8;CLLL8;KMT1F;Lysine N methyltransferase 1F;SET domain bifurcated 2;SET domain;bifurcated 2;SETDB2;SETB2;SETDB2 C13orf4 CLLD8 KMT1F;Histone-lysine N-methyltransferase SETDB2 (EC 2.1.1.43) (Chronic lymphocytic leukemia deletion region gene 8 protein) (Lysine N-methyltransferase 1F) (SET domain bifurcated 2)
Observed Band	101 kDa
Calculated Molecular Weight	82 kDa
Cell Pathway	Nucleus . Chromosome .
Tissue Specificity	Ubiquitous. Highest expression in heart, testis and ovary.
Function	catalytic activity:S-adenosyl-L-methionine + histone L-lysine = S-adenosyl-L-homocysteine + histone N(6)-methyl-L-lysine.,function:Probable histone methyltransferase.,similarity:Belongs to the histone-lysine methyltransferase family.,similarity:Contains 1 MBD (methyl-CpG-binding) domain.,similarity:Contains 1 pre-SET domain.,similarity:Contains 1 SET domain.,tissue specificity:Ubiquitous. Highest expression in heart, testis and ovary.,

Background

SET domain bifurcated 2(SETDB2) Homo sapiens This gene encodes a member of a family of proteins that contain a methyl-CpG-binding domain (MBD) and a SET domain and function as histone methyltransferases. This protein is recruited to heterochromatin and plays a role in the regulation of chromosome segregation. This region is commonly deleted in chronic lymphocytic leukemia. Naturally-occurring readthrough transcription occurs from this gene to the downstream PHF11 (PHD finger protein 11) gene. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images