



Rabbit Anti-Human SETDB1 monoclonal antibody, clone L.248.8 (CABT-L1590)

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

PRODUCT INFORMATION

Specificity	This antibody is not cross-reactive with other SET-domain containing histone methyltransferase proteins.
Target	SETDB1
Immunogen	Synthetic peptide corresponding to the carboxy terminus of the human ESET protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Non-human primate
Clone	L.248.8
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	ICC, IP, IF, WB
Format	Liquid
Buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol
Preservative	See individual product datasheet
Storage	-20°C

BACKGROUND

Introduction 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.

Keywords SETDB1;SET domain, bifurcated 1;ESET;KG1T;KMT1E;TDRD21;H3-K9-HMTase4;histone-lysine N-methyltransferase SETDB1;H3-K9-HMTase 4;tudor domain containing 21

GENE INFORMATION

Entrez Gene ID [9869](#)

UniProt ID [Q15047](#)