



# 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

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

## BACKGROUND

<b>Introduction</b>	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.
<b>Keywords</b>	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

<b>Entrez Gene ID</b>	<a href="#">9869</a>
<b>UniProt ID</b>	<a href="#">Q15047</a>