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Product datasheet for TA346848

SETDB2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SETDB2 antibody: synthetic peptide directed towards the N terminal of human SETDB2. Synthetic peptide located within the following region: ASQKEVNAQSSDPMPVTQKEQENKSNAFPSTSCENSFPEDCTFLTTGNKE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	77 kDa
Gene Name:	SET domain bifurcated 2
Database Link:	NP_001153780 Entrez Gene 83852 Human Q96T68

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Background: Proteins that contain a SET domain, such as SETDB2, modulate gene expression epigenetically through histone H3 (see MIM 601128) methylation. SETDB2 is likely a histone H3 methyltransferase, as it contains both the active site and flanking cysteine residues required for catalytic activity (Zhang et al., 2003 [PubMed 12754510]). [supplied by OMIM, Mar 2008]. Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments. ##Evidence-Data-START## Transcript exon combination :: AF334407.1 [ECO:0000332] RNAseq introns :: single sample supports all introns ERS025084, ERS025087 [ECO:0000348] ##Evidence-Data-END## COMPLETENESS: complete on the 3' end.

Synonyms: C13orf4; CLLD8; CLLL8; KMT1F

Note: Immunogen Sequence Homology: Human: 100%; Pig: 92%; Guinea pig: 92%; Rat: 86%

Protein Families: Druggable Genome

Protein Pathways: Lysine degradation

Product images:

WB Suggested Anti-SETDB2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: Human Placenta

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