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Datasheet for ABIN387993 anti-SETD8 antibody (C-Term)

Image



Overview

Quantity:	400 µL
Target:	SETD8
Binding Specificity:	AA 362-393, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SETD8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This SET07 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 362-393 amino acids from the C-terminal region of human SET07.
Clone:	RB1417
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	SETD8
Alternative Name:	SET07 (SETD8 Products)

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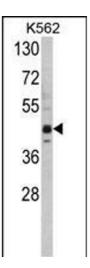
Target Details SET07 is a histone methyltransferase that methylates Lys-20 of histone H4. H4 Lys-20 Background: methylation represents a specific tag for epigenetic transcriptional repression. The nuclear SET07 protein, which associates with silent chromatin on euchromatic arms but shows no association with constitutive heterochromatin, prefers nucleosomes as substrate compared to free histones. It appears that SET07 may play a role in maintaining silent chromatin by preventing neighboring acetylation of H4 tail. Although the SET domain contains the active site of enzymatic activity, both sequences upstream and downstream of the SET domain are required for methyltransferase activity. Molecular Weight: 42890 Gene ID: 387893 NCBI Accession: NP_065115 UniProt: Q9NQR1 **Application Details** WB: 1:1000 Application Notes: Restrictions: For Research Use only Handling Format: Liquid Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. Storage: 4 °C,-20 °C Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small

Expiry Date:

6 months

aliquots to prevent freeze-thaw cycles.

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Western Blotting

Image 1. Western blot analysis of SET07 Antibody (C-term) (ABIN387993 and ABIN2845268) in K562 cell line lysates (35 µg/lane). SET07 (arrow) was detected using the purified Pab.

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