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Datasheet for ABIN356687 anti-SETD8 antibody (N-Term)

2 Images



Overview

Quantity:	0.4 mL
Target:	SETD8
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SETD8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human SET07.
lsotype:	Ig Fraction
Specificity:	This antibody is specific to SET07 (N-term).
Purification:	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	SETD8
Alternative Name:	SETD8 / SET07 (SETD8 Products)

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Target Details

Storage:

Background:	SET07 is a histone methyltransferase that methylates Lys-20 of histone H4. H4 Lys-20
	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.Synonyms: H4-K20-HMTase SETD8, Histone-lysine N-
	methyltransferase SETD8, KMT5A, Lysine N-methyltransferase 5A, PR-Set7, PR/SET domain-
	containing protein 07, PRSET7, SET domain-containing protein 8, SET8
Gene ID:	387893, 9606
UniProt:	Q9NQR1
Application Details	
Application Notes:	ELISA: 1/1,000. Western Blot: 1/100-1/500. Immunohistochemistry: 1/50-1/100.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

4 °C/-20 °C





Image 2.

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