

Datasheet for ABIN6655577
anti-SETD7 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	SETD7
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SETD7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	SET9 Antibody
Immunogen:	Anti-SET9 Antibody was produced in rabbits by repeated immunizations with a recombinant protein of human Set9.
Isotype:	IgG
Cross-Reactivity (Details):	Cross reactivity with Set8 from species other than human not tested.
Purification:	Anti-Set9 Antibody is monospecific antiserum processed by delipidation and defibrination followed by sterile filtration.
Sterility:	Sterile filtered

Target Details

Target:	SETD7
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Target Details

Alternative Name:	Set9 (SETD7 Products)
Background:	Synonyms: Histone-lysine N-methyltransferase SETD7, Histone H3-K4 methyltransferase SETD7, Lysine N-methyltransferase 7, SET domain-containing protein 7, SET 7/9, H3-K4-HMTase SETD7 Background: Set9 is a histone methyltransferase which specifically methylates lysine 4 of histone H3 being a specific tag for epigenetic transcriptional activation. Further, methylation of histone H3K4 by Set9 precludes deacetylation of H3 by the NuRD complex and impairs Suv39h1-mediated methylation of H3K9. Set9 also methylates the tumor suppressor p53 at lysine 372, thereby enhancing its stability. IT contains a SET domain but lacks the pre- and post-SET domains. Anti-Set9 Antibody is ideal for research in Epigenetics, Gene Expression and Chromatin Remodeling. Gene Name: SETD7
Gene ID:	80854
NCBI Accession:	NP_085151
UniProt:	Q8WTS6

Application Details

Application Notes:	Optional[Neutralization_Dilution]: 1:1,000
Comment:	Anti-SET9 Antibody has been tested by Western Blots. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 50 kDa in the appropriate cell lysate or extract.
Restrictions:	For Research Use only

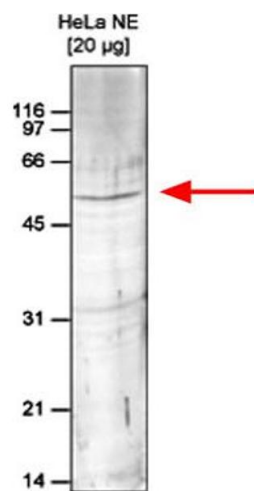
Handling

Format:	Liquid
Buffer:	Buffer: None Stabilizer: None Preservative: 0.05 % (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.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiry Date:	12 months

Images



Western Blotting

Image 1. Western Blot of anti-Set9 antibody Western Blot results of Rabbit anti-Set9 antibody. Lane 1: HeLa nuclear extracts cells. Load: 20 µg. Primary antibody: Set9 antibody at 1:1000 for overnight at 4°C. Secondary antibody: goat anti-rabbit HRP secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO/TBS-Tween overnight at 4°C.