

Datasheet for ABIN7596029
anti-SETD7 antibody (AA 1-366)



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Overview

Quantity:	100 µL
Target:	SETD7
Binding Specificity:	AA 1-366
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SETD7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	Human SETD7 antibody
Immunogen:	Recombinant human SET7/9 (1-366aa) purified from E. coli
Clone:	S4E5
Isotype:	IgG2b kappa
Purification:	protein-A affinity chromatography

Target Details

Target:	SETD7
Alternative Name:	SETD7 (SETD7 Products)

Target Details

Background: Set7/9 is a histone methyltransferase (HMTase) that transfers methyl group to Lys4 of histone H3, in complex with S-adenosyl-L-methionine (AdoMet). The methylation of lysine residues of histones plays a critical role in the regulation of chromatin structure and gene expression. Acetylation, phosphorylation and methylation of the amino-terminal tails of histone are thought to be involved in the regulation of chromatin structure and function. The enzymes identified in the methylation of specific lysine residue on histones belong to the SET family with just one exception. Set7/9, unlike most other SET proteins, is exclusively a mono-methylase.

NCBI Accession: [NP_085151](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol

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,-80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.