Datasheet for ABIN969393

anti-SETDB1 antibody

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Overview

Quantity:	100 µL
Target:	SETDB1
Reactivity:	Human, Mouse, Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SETDB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified recombinant fragment of human SETDB1 expressed in E. coli.
Clone:	5H6D4
Isotype:	IgG1
Purification:	purified

Target Details

Target:	SETDB1
Alternative Name:	SETDB1 (SETDB1 Products)
Background:	Description: This gene encodes a histone methyltransferase. The encoded enzyme catalyzes the reaction of S-adenosyl-L-methionine and histone L-lysine to produce S-adenosyl-L-homocysteine and histone N(6)-methyl-L-lysine. The encoded protein likely functions in transcriptional repression.Tissue specificity: Widely expressed. High expression in testis.

Target Details

	Aliases: ESET, KG1T, KMT1E, KIAA0067, H3-K9-HMTase4, SETDB1
Molecular Weight:	180 kDa
Gene ID:	9869
HGNC:	9869

Application Details

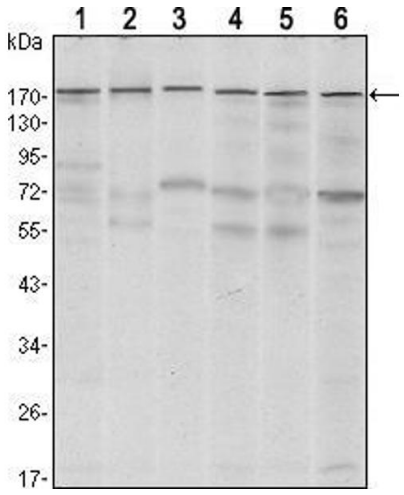
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % 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:	4°C, -20°C for long term storage

Publications

Product cited in:	Gevaert, Staes, Van Damme, De Groot, Hugelier, Demol, Martens, Goethals, Vandekerckhove: " Global phosphoproteome analysis on human HepG2 hepatocytes using reversed-phase diagonal LC." in: **Proteomics**, Vol. 5, Issue 14, pp. 3589-99, (2005) (PubMed).



Western Blotting

Image 1. Western blot analysis using SETDB1 mouse mAb against MCF-7 (1),T47D (2), HEK293 (3), JURKAT (4), NIH/3T3 (5) and F9 (6) cell lysate.

