

## SET Antibody (N-term)

Catalog_no :	AB1373
Applications :	WB, IF
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:47-75
Specificity :	This SET antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 47-75 amino acids from the N-terminal region of human SET.
Dilution :	WB,1:1000;IHC-P,1:10~50;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Protein SET, HLA-DR-associated protein II, Inhibitor of granzyme A-activated DNase, IGAAD, PHAPII, Phosphatase 2A inhibitor I2PP2A, I-2PP2A, Template-activating factor I, TAF-I, SET
Isotype :	Rabbit Ig
Background :	Multitasking protein, involved in apoptosis, transcription, nucleosome assembly and histone binding. Isoform 2 anti-apoptotic activity is mediated by inhibition of the GZMA-activated DNase, NME1. In the course of cytotoxic T-lymphocyte (CTL)-induced apoptosis, GZMA cleaves SET, disrupting its binding to NME1 and releasing NME1 inhibition. Isoform 1 and isoform 2 are potent inhibitors of protein phosphatase 2A. Isoform 1 and isoform 2 inhibit EP300/CREBBP and PCAF-mediated acetylation of histones (HAT) and nucleosomes, most probably by masking the accessibility of lysines of histones to the acetylases. The predominant target for inhibition is histone H4. HAT inhibition leads to silencing of HAT-dependent transcription and prevents active demethylation of DNA. Both isoforms stimulate DNA replication of the adenovirus genome complexed with viral core proteins; however, isoform 2 specific activity is higher.
reference :	Kim, D.W., et al. Biochem. Biophys. Res. Commun. 400(3):419-425(2010) Chao, A., et al. Cancer Lett. 291(1):99-107(2010) Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) : Samanta, A.K., et al. Oncogene 28(14):1669-1681(2009) Kajiwara, Y., et al. PL