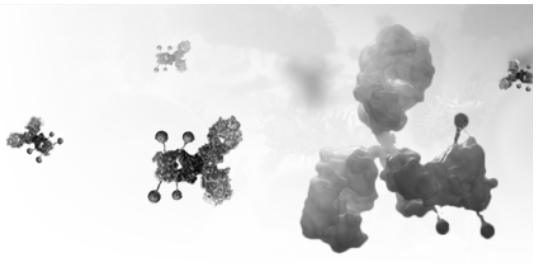

Human SET blocking peptide (CDBP2652)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-SET/I2 alpha PP2A antibody
Antigen Description	The protein encoded by this gene inhibits acetylation of nucleosomes, especially histone H4, by histone acetylases (HAT). This inhibition is most likely accomplished by masking histone lysines from being acetylated, and the consequence is to silence HAT-dependent transcription. The encoded protein is part of a complex localized to the endoplasmic reticulum but is found in the nucleus and inhibits apoptosis following attack by cytotoxic T lymphocytes. This protein can also enhance DNA replication of the adenovirus genome. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	SET SET nuclear oncogene [Homo sapiens]
Official Symbol	SET
Synonyms	SET; SET nuclear oncogene; SET translocation (myeloid leukemia associated); protein SET;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	2PP2A; IPP2A2; PHAPII; protein phosphatase type 2A inhibitor; Template Activating Factor I; chromatin remodelling factor; HLA-DR-associated protein II; phosphatase 2A inhibitor I2PP2A; inhibitor-2 of protein phosphatase-2A; inhibitor of granzyme A-activated DNase; SET translocation (myeloid leukemia-associated); Template-Activating Factor-I, chromatin remodelling factor; IGAAD; TAF-I; I2PP2A; TAF-IBETA;
Entrez Gene ID	6418
mRNA Refseq	NM_001122821
Protein Refseq	NP_001116293
UniProt ID	Q01105
Chromosome Location	9q34
Pathway	Gene Expression, organism-specific biosystem; Regulation of mRNA Stability by Proteins that Bind AU-rich Elements, organism-specific biosystem; Stabilization of mRNA by HuR, organism-specific biosystem;
Function	histone binding; protein binding; protein phosphatase inhibitor activity; protein phosphatase type 2A regulator activity;

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