

Rabbit SET Polyclonal Antibody | anti-SET antibody

SET Antibody (N-term)

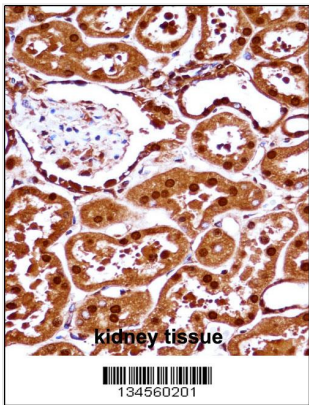
CATALOG # AAA287440	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Drosophila, Mouse, Rat)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
-------------------------------	-----------------------	---	--

PRODUCT SYNONYMS

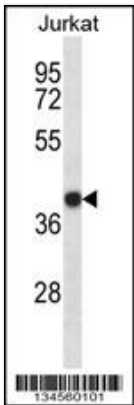
SET; Polyclonal Antibody; SET Antibody (N-term); Protein SET; HLA-DR-associated protein II; Inhibitor of granzyme A-activated DNase; IGAAD; PHAPII; Phosphatase 2A inhibitor I2PP2A; I-2PP2A; Template-activating factor I; TAF-I; anti-SET antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Drosophila, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	47-75
Sequence Length	268
Applicable Applications for anti-SET antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
SET Antibody (N-term) (AAA287440)immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SET Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
SET Antibody (N-term) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the SET antibody detected the SET protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SET antibody	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.
Product Categories/Family for anti-SET antibody	Cancer; Cell Biology; Immunology; Neuroscience; Signal Transduction
References	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. PLoS ONE 4 (4), E5071 (2009) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	170763500
NCBI GeneID	6418
NCBI Accession #	NP_001116293.1; NP_001234929.1; NP_001234930.1; NP_003002.2
NCBI GenBank Nucleotide #	NM_001122821.1
UniProt Accession #	Q01105; Q15541; Q5VXV1; Q5VXV2; Q6FHZ5; A5A5H4; A6NGV1; B4DUE2
Molecular Weight	33489
NCBI Official Full Name	protein SET isoform 1
NCBI Official Synonym Full Names	SET nuclear proto-oncogene
NCBI Official Symbol	SET
NCBI Official Synonym Symbols	2PP2A; IGAAD; TAF-I; I2PP2A; IPP2A2; PHAPII; TAF-IBETA
NCBI Protein Information	protein SET

UniProt Protein Name	Protein SET
UniProt Gene Name	SET
UniProt Synonym Gene Names	IGAAD; I-2PP2A; TAF-I
UniProt Entry Name	SET_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/set-antibody-immunohistochemistry-western-blot-elisa/287440>