

Rabbit SET Polyclonal Antibody | anti-SET antibody

SET Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28171	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry

PRODUCT SYNONYMS

SET; Polyclonal Antibody; SET Polyclonal Antibody; 2PP2A; IGAAD; TAF-I; I2PP2A; IPP2A2; PHAPII; TAF-IBETA; anti-SET antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Sequence Length	290
Applicable Applications for anti-SET antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Application Notes	WB 1:100 - 1:500 IHC-P 1:50 - 1:200 IF/ICC 1:50 - 1:200
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-277 of human SET/TAF1 (NP_003002.2).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using SET/TAF1 antibody (AAA28171) at dilution of 1:100. Blue: DAPI for nuclear staining.



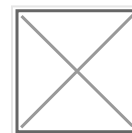
IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using SET/TAF1 antibody (AAA28171) at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using SET/TAF1 antibody (AAA28171) at dilution of 1:100. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using SET antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded mouse kidney using SET antibody at dilution of 1:100 (40x lens).

**WB (Western Blot)**

Western blot analysis of extracts of 293T cells, using SET/TAF1 antibody (AAA28171) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-SET antibody	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.
Product Categories/Family for anti-SET antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	46397790
NCBI GeneID	6418
UniProt Accession #	Q01105 ; Q15541 ; Q5VXV1 ; Q5VXV2 ; Q6FHZ5 ; A5A5H4 ; A6NGV1 ; B4DUE2
Molecular Weight	Observed MW: 33kDa Calculated MW: 33kDa
NCBI Official Full Name	Protein SET
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; SET nuclear oncogene; HLA-DR-associated protein II; phosphatase 2A inhibitor I2PP2A; inhibitor-2 of protein phosphatase-2A; protein phosphatase type 2A inhibitor; inhibitor of granzyme A-activated DNase; SET translocation (myeloid leukemia-associated); Template-Activating Factor-I, chromatin remodelling factor
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/set-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/28171>