

Product datasheet for **TA381402**

SET Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:200 IF,1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-277 of human SET/TAF1 (NP_003002.2).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	30kDa/31kDa/32kDa/33kDa
Gene Name:	SET nuclear proto-oncogene
Database Link:	Entrez Gene 6418 Human Q01105



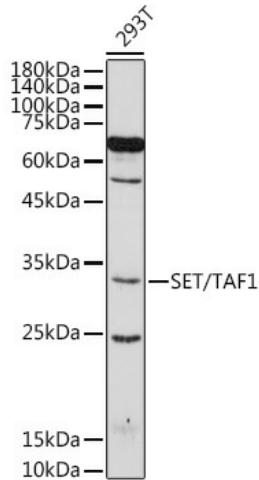
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Background:

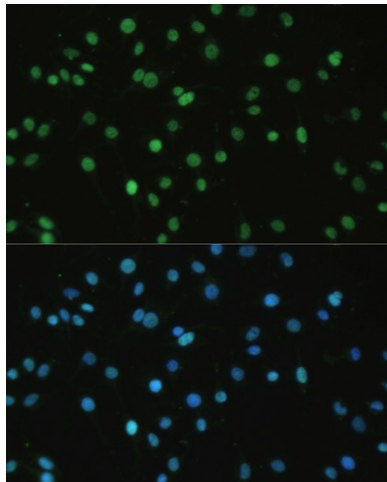
The protein encoded by this gene inhibits acetylation of nucleosomes, especially histone H4, by histone acetylases (HAT). This inhibition is most likely accomplished by masking histone lysines from being acetylated, and the consequence is to silence HAT-dependent transcription. The encoded protein is 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.

Synonyms:

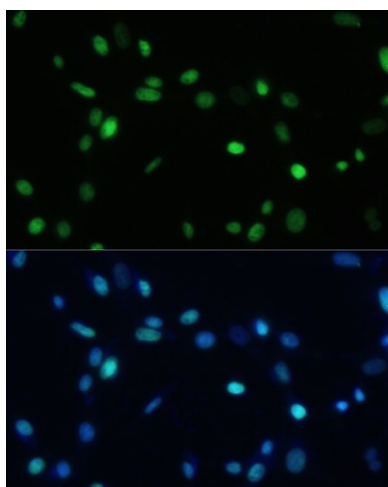
2PP2A; I-2PP2A; I2PP2A; IGAAD; IPP2A2; PHAPII; TAF-I; TAF-IBETA

Product images:


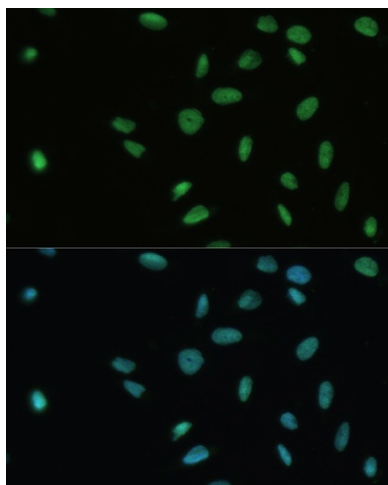
Western blot analysis of extracts of 293T cells, using SET/TAF1 antibody (TA381402) at 1:500 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 180s.



Immunofluorescence analysis of C6 cells using SET/TAF1 antibody (TA381402) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using SET/TAF1 antibody (TA381402) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using SET/TAF1 antibody (TA381402) at dilution of 1:100. Blue: DAPI for nuclear staining.