

SET/TAF1 Rabbit mAb

Catalog No.: A9173 Recombinant 2 Publications

Basic Information

Observed MW

37kDa

Calculated MW

33kDa

Category

Primary antibody

Applications

WB,IHC-P,IF/ICC,IP,ELISA

Cross-Reactivity

Human, Mouse, Rat

Clone/No. number

ARC1462

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.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

IF/ICC 1:50 - 1:200

IP 0.5μg-4μg antibody for 200μg-400μg extracts of whole cells

ELISA Recommended starting concentration is 1 μg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

6418

Swiss Prot

Q01105

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

2PP2A; IGAAD; MRD58; TAF-I; I2PP2A; IPP2A2; PHAPII; TAF-IBETA; SET/TAF1

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

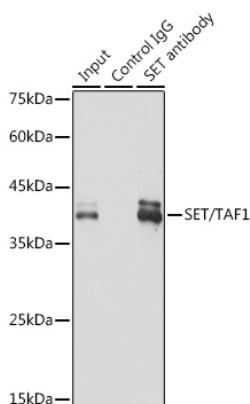
Contact

 | 400-999-6126

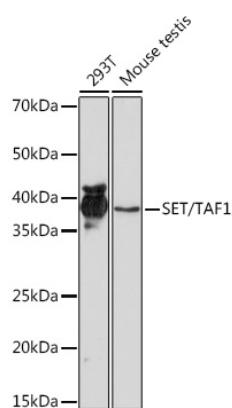
 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

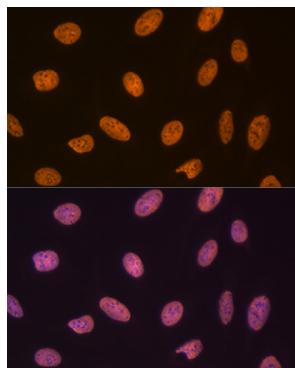
Validation Data



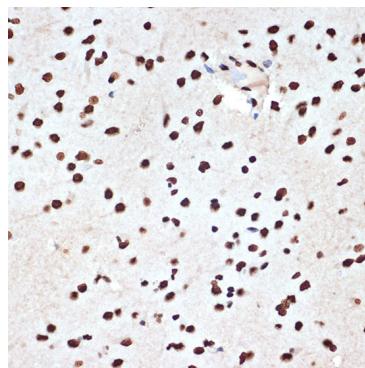
Immunoprecipitation analysis of 300 µg extracts of 293T cells using 3 µg SET/TAF1 antibody (A9173). Western blot was performed from the immunoprecipitate using SET/TAF1 antibody (A9173) at a dilution of 1:1000.



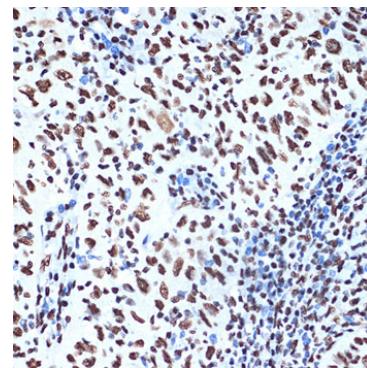
Western blot analysis of various lysates using SET/TAF1 Rabbit mAb (A9173) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



Immunofluorescence analysis of U-2 OS cells using SET/TAF1 Rabbit mAb (A9173) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

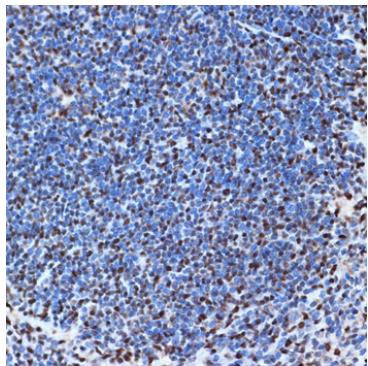


Immunohistochemistry analysis of paraffin-embedded Rat brain using SET/TAF1 Rabbit mAb (A9173) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human esophageal cancer using SET/TAF1 Rabbit mAb (A9173) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Mouse spleen using SET/TAF1 Rabbit mAb (A9173) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.