

## Rabbit SET Polyclonal Antibody | anti-SET antibody

SET Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA30557  | Rabbit | Human, Mouse, Rat | Western Blot, Immunohistochemistry, Immunofluorescence |

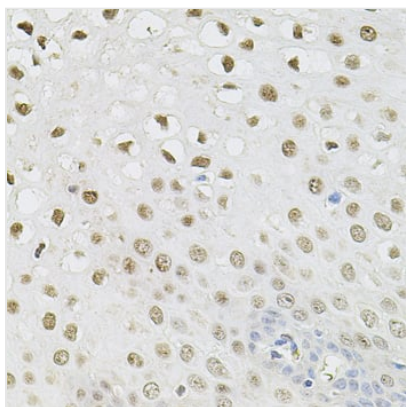
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

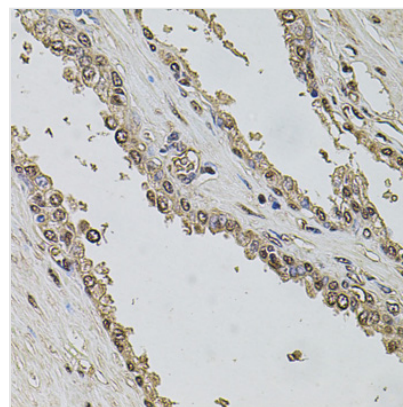
|                                               |                                                                                                                                                                                                                    |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                                                             |
| Reactivity                                    | Human, Mouse, Rat                                                                                                                                                                                                  |
| Clonality                                     | Polyclonal                                                                                                                                                                                                         |
| Isotype                                       | IgG                                                                                                                                                                                                                |
| Purity/Purification                           | Affinity purification                                                                                                                                                                                              |
| Form/Format                                   | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH7.4, 150mM NaCl, 0.02% sodium azide and 231% glycerol.<br>PBS with 0.02% sodium azide, 50% glycerol, pH7.184 |
| Concentration                                 | 1mg/ml (varies by lot)                                                                                                                                                                                             |
| Applicable Applications for anti-SET antibody | WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)                                                                                                                                             |
| Application Notes                             | WB: 1:500-1:2000<br>IHC: 1:50-1:200<br>IF: 1:50-1:200                                                                                                                                                              |
| Immunogen                                     | Recombinant fusion protein of human SET (NP_003002.2)                                                                                                                                                              |
| Preparation and Storage                       | Store at -20 degree C. Avoid freeze/thaw cycles.                                                                                                                                                                   |

### IMAGES



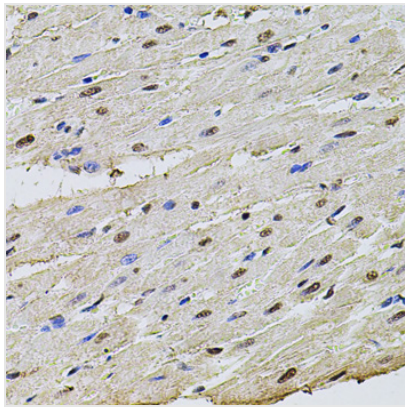
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophagus using SET antibody at dilution of 1:100 .



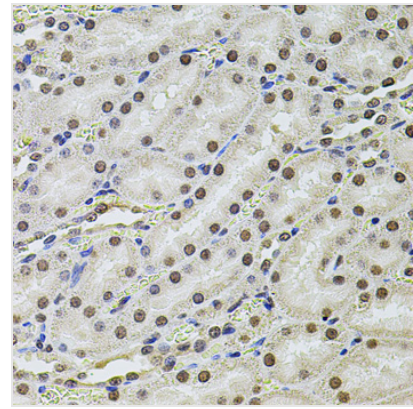
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate using SET antibody at dilution of 1:100 .



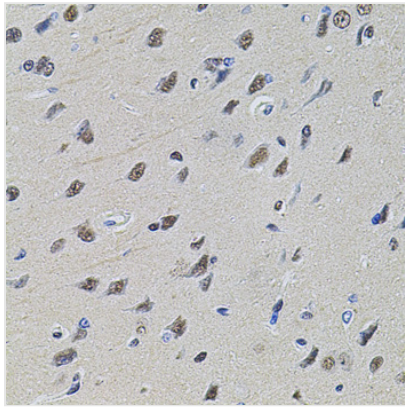
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using SET antibody at dilution of 1:100 .



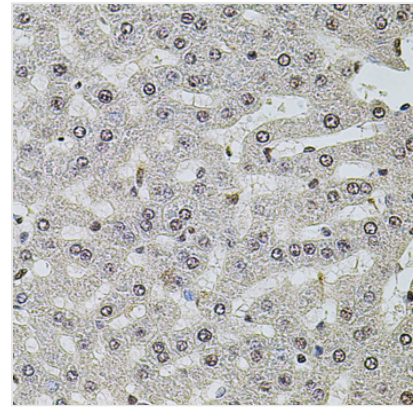
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using SET antibody at dilution of 1:100 .



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using SET antibody at dilution of 1:100 .



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat liver using SET antibody at dilution of 1:100 .

## 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   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 170763498                                                      |
| NCBI GeneID                      | 6418                                                           |
| NCBI Accession #                 | NP_003002.2                                                    |
| NCBI GenBank Nucleotide #        | NM_003011.3                                                    |
| UniProt Accession #              | Q01105; Q15541; Q5VXV1; Q5VXV2; Q6FHZ5; A5A5H4; A6NGV1; B4DUE2 |
| Molecular Weight                 | 31,272 Da                                                      |
| NCBI Official Full Name          | protein SET isoform 2                                          |
| NCBI Official Synonym Full Names | SET nuclear proto-oncogene                                     |

|                                      |                                                                                                                                                                                                                                                                 |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NCBI Official Symbol</b>          | SET                                                                                                                                                                                                                                                             |
| <b>NCBI Official Synonym Symbols</b> | 2PP2A; IGAAD; TAF-I; I2PP2A; IPP2A2; PHAPII; TAF-IBETA                                                                                                                                                                                                          |
| <b>NCBI Protein Information</b>      | 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-as |
| <b>UniProt Protein Name</b>          | Protein SET                                                                                                                                                                                                                                                     |
| <b>UniProt Gene Name</b>             | <b>SET</b>                                                                                                                                                                                                                                                      |
| <b>UniProt Synonym Gene Names</b>    | IGAAD; I-2PP2A; TAF-I                                                                                                                                                                                                                                           |
| <b>UniProt Entry Name</b>            | 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](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/set-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/30557>