

## Rabbit SMYD4 Polyclonal Antibody | anti-SMYD4 antibody

SMYD4 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA279796 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

SMYD4; Polyclonal Antibody; SMYD4 Polyclonal Antibody; ZMYND21; anti-SMYD4 antibody

### PRODUCT SPECIFICATIONS

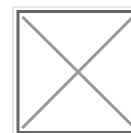
|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Isotype                                         | IgG                                                                                                                                                   |
| Purity/Purification                             | Affinity Purification                                                                                                                                 |
| Concentration                                   | 1mg/ml (varies by lot)                                                                                                                                |
| Sequence Length                                 | 804                                                                                                                                                   |
| Applicable Applications for anti-SMYD4 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                                |
| Species                                         | Human                                                                                                                                                 |
| Immunogen                                       | Recombinant Protein                                                                                                                                   |
| Immunogen                                       | Recombinant protein of human SMYD4                                                                                                                    |
| Calculated Molecular Weight                     | 89kDa                                                                                                                                                 |
| Preparation and Storage                         | Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

### IMAGES



#### IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded mouse jejunum using SMYD4 antibody at dilution of 1:100 (40x lens).



#### IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using SMYD4 antibody at dilution of 1:100 (40x lens).



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SMYD4 antibody at 1:1000 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: 60s.

ADDITIONAL INFORMATION

|                                                   |            |
|---------------------------------------------------|------------|
| Product Categories/Family for anti-SMYD4 antibody | Polyclonal |
|---------------------------------------------------|------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                          |
|----------------------------------|------------------------------------------|
| NCBI GI #                        | 296452956                                |
| NCBI GeneID                      | 114826                                   |
| UniProt Accession #              | Q8IYR2; Q8N1P2; Q8NAT0; Q96LV4; Q96PV2   |
| Molecular Weight                 | 804                                      |
| NCBI Official Full Name          | SET and MYND domain-containing protein 4 |
| NCBI Official Synonym Full Names | SET and MYND domain containing 4         |
| NCBI Official Symbol             | SMYD4                                    |
| NCBI Official Synonym Symbols    | ZMYND21                                  |
| NCBI Protein Information         | SET and MYND domain-containing protein 4 |
| UniProt Protein Name             | SET and MYND domain-containing protein 4 |
| UniProt Gene Name                | <b>SMYD4</b>                             |
| UniProt Synonym Gene Names       | KIAA1936                                 |
| UniProt Entry Name               | SMYD4_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.