

## Rabbit anti-Human, Mouse SMYD3 Polyclonal Antibody | anti-SMYD3 antibody

Rabbit anti-SMYD3 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                     |
|-----------|--------|--------------|----------------------------------|
| AAA220856 | Rabbit | Human, Mouse | Immunofluorescence, Western Blot |

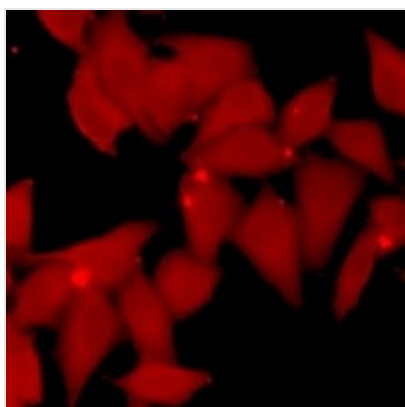
### PRODUCT SYNONYMS

SMYD3; Polyclonal Antibody; Rabbit anti-SMYD3 Antibody; ZMYND1; ZNFN3A1; Histone-lysine N-methyltransferase SMYD3; SET and MYND domain-containing protein 3; Zinc finger MYND domain-containing protein 1; anti-SMYD3 antibody

### PRODUCT SPECIFICATIONS

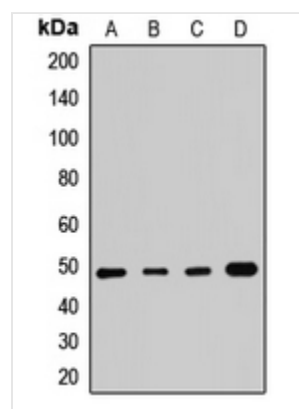
|                                                 |                                                                                                           |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                    |
| Reactivity                                      | Human, Mouse                                                                                              |
| Clonality                                       | Polyclonal                                                                                                |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                           |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Concentration                                   | 1mg/mL (varies by lot)                                                                                    |
| Applicable Applications for anti-SMYD3 antibody | IC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                      |
| Immunogen                                       | Recombinant full length protein of human SMYD3                                                            |
| Preparation and Storage                         | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                 |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of SMYD3 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### WB (Western Blot)

Western blot analysis of SMYD3 expression in Jurkat (A), MCF7 (B), HeLa (C), mouse heart (D) whole cell lysates.

ADDITIONAL INFORMATION

|                                                   |                    |
|---------------------------------------------------|--------------------|
| Product Categories/Family for anti-SMYD3 antibody | Primary antibodies |
|---------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 212276523                                                                                                                                                                                                                                                       |
| NCBI GeneID                      | 64754                                                                                                                                                                                                                                                           |
| UniProt Accession #              | Q9H7B4; Q9CWR2                                                                                                                                                                                                                                                  |
| Molecular Weight                 | 428                                                                                                                                                                                                                                                             |
| NCBI Official Full Name          | Histone-lysine N-methyltransferase SMYD3                                                                                                                                                                                                                        |
| NCBI Official Synonym Full Names | SET and MYND domain containing 3                                                                                                                                                                                                                                |
| NCBI Official Symbol             | SMYD3                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | KMT3E; ZMYND1; ZNFN3A1; bA74P14.1                                                                                                                                                                                                                               |
| NCBI Protein Information         | histone-lysine N-methyltransferase SMYD3; bA74P14.1 (novel protein); zinc finger, MYND domain containing 1; SET and MYND domain-containing protein 3; zinc finger MYND domain-containing protein 1; zinc finger protein, subfamily 3A (MYND domain containing), |
| UniProt Protein Name             | Histone-lysine N-methyltransferase SMYD3                                                                                                                                                                                                                        |
| UniProt Gene Name                | SMYD3                                                                                                                                                                                                                                                           |
| UniProt Synonym Gene Names       | ZMYND1; ZNFN3A1                                                                                                                                                                                                                                                 |
| UniProt Entry Name               | SMYD3_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://www.aaabiotech.com/polyclonal/smyd3-antibody-immunochemistry-immunofluorescence-western-blot-elisa/220856>