

## Mouse SNTG1 Monoclonal Antibody | anti-SNTG1 antibody

SNTG1 antibody

|                               |                      |                                                         |
|-------------------------------|----------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA107275</b> | HOST<br><b>Mouse</b> | APPLICATIONS<br><b>Western Blot, Immunofluorescence</b> |
|-------------------------------|----------------------|---------------------------------------------------------|

### PRODUCT SYNONYMS

SNTG1; Monoclonal Antibody; SNTG1 antibody; Monoclonal SNTG1; Anti-SNTG1; Syntrophin Gamma 1; G1SYN; SYN4; SNTG 1; SNTG-1; anti-SNTG1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                    |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                                                                              |
| Clonality                                       | Monoclonal                                                                                                                                         |
| Isotype                                         | IgG1                                                                                                                                               |
| Clone Number                                    | 3G10                                                                                                                                               |
| Purity/Purification                             | SNTG1 antibody was purified by affinity chromatography.                                                                                            |
| Form/Format                                     | Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.                                                            |
| Concentration                                   | 500 ug-1 mg/ml (varies by lot)                                                                                                                     |
| Sequence Length                                 | 517                                                                                                                                                |
| Applicable Applications for anti-SNTG1 antibody | WB (Western Blot), IF (Immunofluorescence)                                                                                                         |
| Biological Significance                         | The protein encoded by this gene is a member of the syntrophin family. Syntrophins are cytoplasmic peripheral membrane proteins.                   |
| Cross-Reactivity                                | Human                                                                                                                                              |
| Immunogen                                       | SNTG1 antibody was raised in mouse using a full length recombinant protein of human SNTG1 (NP_061840) produced in HEK293T cells, as the immunogen. |
| Preparation and Storage                         | Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.            |

### IMAGES


**WB (Western Blot)**

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant SNTG1 protein (Right) or empty vector (Left) detected with SNTG1 antibody


**IF (Immunofluorescence)**

Immunofluorescent staining of COS7 cells transiently transfected with recombinant SNTG1 protein using SNTG1 antibody

### ADDITIONAL INFORMATION

|                                                     |                                     |
|-----------------------------------------------------|-------------------------------------|
| Related Product Information for anti-SNTG1 antibody | Mouse monoclonal SNTG1 antibody     |
| Product Categories/Family for anti-SNTG1 antibody   | <a href="#">Signal Transduction</a> |

NCBI AND UNIPROT INFORMATION

|                                  |                              |
|----------------------------------|------------------------------|
| NCBI GI #                        | 9507163                      |
| NCBI GeneID                      | 54212                        |
| NCBI Accession #                 | NP_061840                    |
| NCBI GenBank Nucleotide #        | NM_018967.2                  |
| UniProt Accession #              | Q9NSN8; Q2M3Q0; Q9NY98       |
| Molecular Weight                 | 53,684 Da                    |
| NCBI Official Full Name          | gamma-1-syntrophin isoform 1 |
| NCBI Official Synonym Full Names | syntrophin, gamma 1          |
| NCBI Official Symbol             | SNTG1                        |
| NCBI Official Synonym Symbols    | SYN4; G1SYN                  |
| NCBI Protein Information         | gamma-1-syntrophin           |
| UniProt Protein Name             | Gamma-1-syntrophin           |
| UniProt Gene Name                | <b>SNTG1</b>                 |
| UniProt Synonym Gene Names       | G1SYN; SYN4                  |
| UniProt Entry Name               | SNTG1_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/sntg1-antibody-clone-3g10-western-blot-immunofluorescence-elisa/107275>