

## Rabbit anti-Human SDC1 Polyclonal Antibody | anti-SDC1 antibody

SDC1 Antibody - N-terminal region

|                               |                       |                            |                                     |
|-------------------------------|-----------------------|----------------------------|-------------------------------------|
| CATALOG #<br><b>AAA201598</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-------------------------------------|

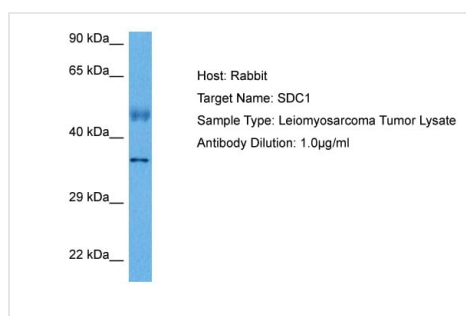
### PRODUCT SYNONYMS

SDC1; Polyclonal Antibody; SDC1 Antibody - N-terminal region; anti-SDC1 antibody

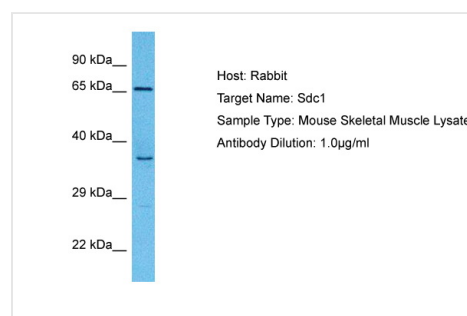
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Human                                                                                                                                                 |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Affinity purified                                                                                                                                     |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following region: LC ALALSLQPAL PQIVATNLPP EDQDGSDDSDNFSGSGAGA LQDITLSQ                                                    |
| Sequence Length                                | 310                                                                                                                                                   |
| Applicable Applications for anti-SDC1 antibody | WB (Western Blot)                                                                                                                                     |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the N terminal region of human SDC1                                                             |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

Host: Rabbit Target Name: SDC1 Sample Tissue: Human Leiomyosarcoma Tumor lysates Antibody Dilution: 1 µg/ml


**WB (Western Blot)**

Host: Mouse Target Name: SDC1 Sample Tissue: Mouse Skeletal Muscle Antibody Dilution: 1 µg/ml

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SDC1 antibody | The protein encoded by this gene is a transmembrane (type I) heparan sulfate proteoglycan and is a member of the syndecan proteoglycan family. The syndecans mediate cell binding, cell signaling, and cytoskeletal organization and syndecan receptors are required for internalization of the HIV-1 tat protein. The syndecan-1 protein functions as an integral membrane protein and participates in cell proliferation, cell migration and cell-matrix interactions via its receptor for extracellular matrix proteins. Altered syndecan-1 expression has been detected in several different tumor types. While several transcript variants may exist for this gene, the full-length nature of only two have been described to date. These two represent the major variants of this gene and encode the same protein. |
| Product Categories/Family for anti-SDC1 antibody   | Polyclonal; Cancer; Signaling Intermediate; Cell Adhesion; Membrane Protein; Disease Related; Meiosis/Mitosis/Cell Cycle                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                                  |                             |
|----------------------------------|-----------------------------|
| NCBI GI #                        | 55749480                    |
| NCBI GeneID                      | 6382                        |
| NCBI Accession #                 | NP_001006947.1              |
| NCBI GenBank Nucleotide #        | NM_001006946.1              |
| UniProt Accession #              | P18827                      |
| Molecular Weight                 | 34 kDa                      |
| NCBI Official Full Name          | syndecan-1                  |
| NCBI Official Synonym Full Names | syndecan 1                  |
| NCBI Official Symbol             | SDC1                        |
| NCBI Official Synonym Symbols    | SDC; CD138; SYND1; syndecan |
| NCBI Protein Information         | syndecan-1                  |
| UniProt Protein Name             | Syndecan-1                  |
| UniProt Gene Name                | <b>SDC1</b>                 |
| UniProt Synonym Gene Names       | SDC; SYND1                  |
| UniProt Entry Name               | SDC1_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.