

## Rabbit SDCBP Polyclonal Antibody | anti-SDCBP antibody

SDCBP Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA169184 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

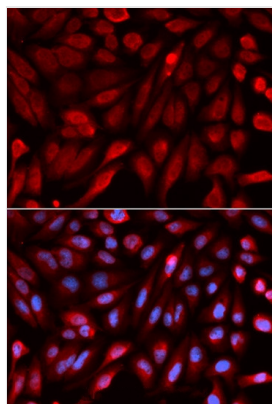
### PRODUCT SYNONYMS

SDCBP; Polyclonal Antibody; SDCBP Antibody; ST1; SYCL; MDA-9; TACIP18; anti-SDCBP antibody

### PRODUCT SPECIFICATIONS

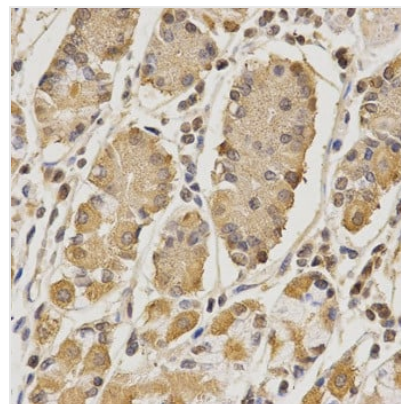
|                                                 |                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                    |
| Reactivity                                      | Human, Mouse, Rat                                                                         |
| Clonality                                       | Polyclonal                                                                                |
| Isotype                                         | IgG                                                                                       |
| Purity/Purification                             | Antigen affinity purification                                                             |
| Concentration                                   | 1mg/mL (varies by lot)                                                                    |
| Sequence Length                                 | 298                                                                                       |
| Applicable Applications for anti-SDCBP antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                    |
| Immunogen                                       | Recombinant protein of human SDCBP                                                        |
| Buffer                                          | PBS with 0.02% sodium azide, 50% glycerol, pH7.3                                          |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-100336            |
| Preparation and Storage                         | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



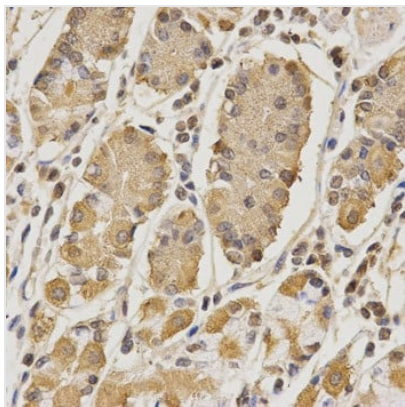
#### IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using SDCBP antibody. Blue: DAPI for nuclear staining.



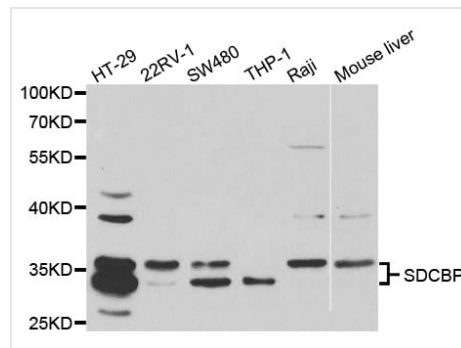
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using SDCBP antibody at dilution of 1:200 (x400 lens)



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using SDCBP antibody at dilution of 1:200 (x400 lens)



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SDCBP antibody.

## ADDITIONAL INFORMATION

### Related Product Information for anti-SDCBP antibody

The protein encoded by this gene was initially identified as a molecule linking syndecan-mediated signaling to the cytoskeleton. The syntenin protein contains tandemly repeated PDZ domains that bind the cytoplasmic, C-terminal domains of a variety of transmembrane proteins. This protein may also affect cytoskeletal-membrane organization, cell adhesion, protein trafficking, and the activation of transcription factors. The protein is primarily localized to membrane-associated adherens junctions and focal adhesions but is also found at the endoplasmic reticulum and nucleus. Alternative splicing results in multiple transcript variants encoding different isoforms.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 56243522                                                                                                                                                                                                             |
| NCBI GeneID                      | 6386                                                                                                                                                                                                                 |
| NCBI Accession #                 | NP_005616.2                                                                                                                                                                                                          |
| NCBI GenBank Nucleotide #        | NM_005625.3                                                                                                                                                                                                          |
| Molecular Weight                 | 31,762 Da                                                                                                                                                                                                            |
| NCBI Official Full Name          | syntenin-1 isoform 1                                                                                                                                                                                                 |
| NCBI Official Synonym Full Names | syndecan binding protein (syntenin)                                                                                                                                                                                  |
| NCBI Official Symbol             | SDCBP                                                                                                                                                                                                                |
| NCBI Official Synonym Symbols    | ST1; MDA9; SYCL; MDA-9; TACIP18                                                                                                                                                                                      |
| NCBI Protein Information         | syntenin-1; melanoma differentiation associated protein-9; melanoma differentiation-associated protein 9; pro-TGF-alpha cytoplasmic domain-interacting protein 18; scaffold protein Pbp1; syndecan-binding protein 1 |
| UniProt Protein Name             | Syntenin-1                                                                                                                                                                                                           |
| UniProt Gene Name                | <b>SDCBP</b>                                                                                                                                                                                                         |
| UniProt Synonym Gene Names       | MDA9; SYCL; MDA-9; TACIP18                                                                                                                                                                                           |
| UniProt Entry Name               | SDCB1_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/polyclonal/sdcbp-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/169184>