

Datasheet for ABIN7171273  
**anti-SDCBP antibody (AA 21-228)**

## 3 Images

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## Overview

|                      |                                                                                   |
|----------------------|-----------------------------------------------------------------------------------|
| Quantity:            | 100 µg                                                                            |
| Target:              | SDCBP                                                                             |
| Binding Specificity: | AA 21-228                                                                         |
| Reactivity:          | Human                                                                             |
| Host:                | Rabbit                                                                            |
| Clonality:           | Polyclonal                                                                        |
| Conjugate:           | This SDCBP antibody is un-conjugated                                              |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF) |

## Product Details

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Immunogen:        | Recombinant Human Syntenin-1 protein (21-228AA) |
| Isotype:          | IgG                                             |
| Cross-Reactivity: | Human, Mouse, Rat                               |
| Purification:     | >95%, Protein G purified                        |

## Target Details

|                   |                                                                                                                                                                                     |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | SDCBP                                                                                                                                                                               |
| Alternative Name: | SDCBP ( <a href="#">SDCBP Products</a> )                                                                                                                                            |
| Background:       | Background: Multifunctional adapter protein involved in diverse array of functions including trafficking of transmembrane proteins, neuro and immunomodulation, exosome biogenesis, |

## Target Details

and tumorigenesis (PubMed:26291527). Positively regulates TGFB1-mediated SMAD2/3 activation and TGFB1-induced epithelial-to-mesenchymal transition (EMT) and cell migration in various cell types. May increase TGFB1 signaling by enhancing cell-surface expression of TGFR1 by preventing the interaction between TGFR1 and CAV1 and subsequent CAV1-dependent internalization and degradation of TGFR1 (PubMed:25893292). In concert with SDC1/4 and PDCD6IP, regulates exosome biogenesis (PubMed:22660413). Regulates migration, growth, proliferation, and cell cycle progression in a variety of cancer types (PubMed:26539120). In adherens junctions may function to couple syndecans to cytoskeletal proteins or signaling components. Seems to couple transcription factor SOX4 to the IL-5 receptor (IL5RA) (PubMed:11498591). May also play a role in vesicular trafficking (PubMed:11179419). Seems to be required for the targeting of TGFA to the cell surface in the early secretory pathway (PubMed:10230395).

Aliases: MDA-9 antibody, MDA9 antibody, Melanoma differentiation-associated protein 9 antibody, Pro-TGF-alpha cytoplasmic domain-interacting protein 18 antibody, Scaffold protein Pbp1 antibody, SDCB1\_HUMAN antibody, SDCBP antibody, ST1 antibody, SYCL antibody, Syndecan binding protein (syntenin) antibody, Syndecan binding protein 1 antibody, Syndecan-binding protein 1 antibody, Syntenin 1 antibody, Syntenin-1 antibody, TACIP18 antibody

UniProt: [O00560](#)

## Application Details

Application Notes: Recommended dilution: WB:1:200-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

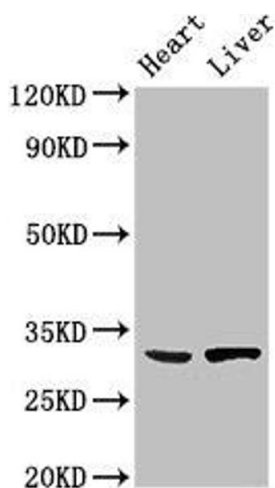
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

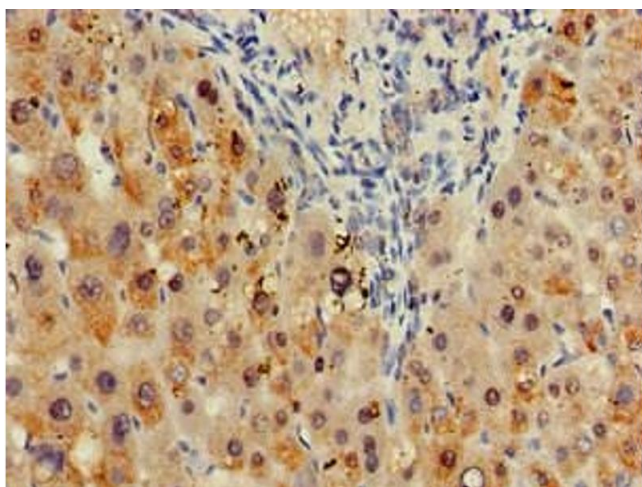
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



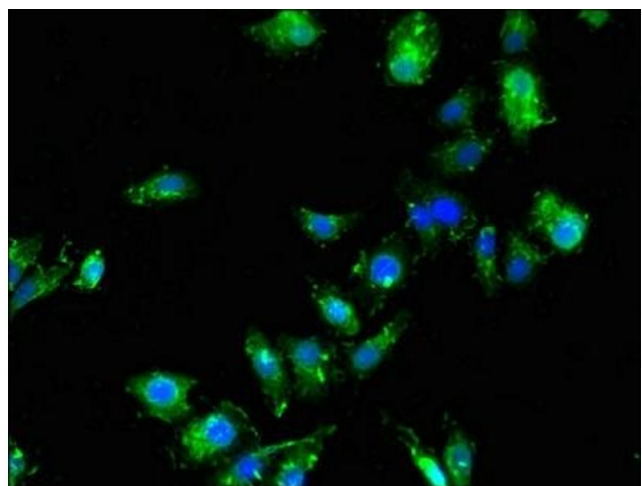
### Western Blotting

**Image 1.** Western Blot Positive WB detected in: Mouse heart tissue, Rat liver tissue All lanes: SDCBP antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 33, 32 kDa Observed band size: 33 kDa



### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human liver tissue using ABIN7171273 at dilution of 1:100



### Immunofluorescence

**Image 3.** Immunofluorescent analysis of HepG2 cells using ABIN7171273 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)