

Datasheet for ABIN7171274

anti-SDCBP antibody (AA 21-228) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SDCBP
Binding Specificity:	AA 21-228
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SDCBP antibody is conjugated to Biotin
Application:	ELISA

Product Details

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

Target Details

Target:	SDCBP
Alternative Name:	SDCBP (SDCBP Products)
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: Optimal working dilution should be determined by the investigator.

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.