

Datasheet for ABIN6944846
anti-SDCBP antibody



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Overview

Quantity:	100 µL
Target:	SDCBP
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This SDCBP antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	Recombinant protein within human Syntenin aa 1-200.
Clone:	2G6
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	SDCBP
Alternative Name:	SDCBP (SDCBP Products)

Target Details

Background: Synonyms: Syntenin-1, Melanoma differentiation-associated protein 9, Pro-TGF-alpha cytoplasmic domain-interacting protein 18, Scaffold protein Pbp1, Syndecan-binding protein 1, MDA-9, TACIP18, SDCBP, MDA9, SYCL

Background: Multifunctional adapter protein involved in diverse array of functions including trafficking of transmembrane proteins, neuro and immunomodulation, exosome biogenesis, and tumorigenesis. 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. In concert with SDC1/4 and PDCD6IP, regulates exosome biogenesis. Regulates migration, growth, proliferation, and cell cycle progression in a variety of cancer type. 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). May also play a role in vesicular trafficking. Seems to be required for the targeting of TGFA to the cell surface in the early secretory pathway.

Gene ID: 6386

UniProt: [O00560](#)

Application Details

Application Notes: WB 1:300-5000
FCM 1:20-100
IHC-P 1:200-400
IF(IHC-P) 1:50-200
IF(ICC) 1:50-200
IP(1-2 µg)

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

Preservative: ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months