

SDCBP Antibody

Catalog Number: E2200585

Size: 100ug Host: Mouse

Formulation: Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl)

with 0.2% sodium azide, 50%, glycerol

Sensitivity: This antibody detects endogenous levels of SDCBP and does not cross-react with related

proteins.

Entrez summary: 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.

UniPort summary Seems to function as an adapter protein. In adherens junctions may function to couple

Function: 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

athwav.

Immunogen: Purified recombinant human SDCBP protein fragments expressed in E.coli.

Antibody Type: Monoclonal antibody

Isotype: IgG2b

Purified method: Affinity purified

Subcellular location: Nucleus. Cytoplasm. Mitochondrion. Note: Cytoplasmic during the interphase. Reversibly

translocated from cytoplasm to nucleus when phosphorylated before G2-M transition when associated with cyclin-B1. Accumulates in mitochondria in G2-arrested cells upon

DNA-damage.

Reactivity: H
Applications: WB

Molecular Weight: 32kDa
UniProt number: 000560

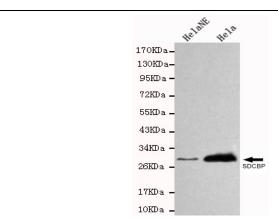
GeneBank ID: NM_001007067.1

Gene symbol: ST1; SYCL; MDA-9; TACIP18

Alternate names: Melanoma differentiation-associated protein 9 Short name=MDA-9 Pro-TGF-alpha

cytoplasmic domain- interacting protein 18 Short name=TACIP18 Scaffold protein Pbp1

Syndecan-binding protein 1



Western blot detection of SDCBP in HelaNE&Hela cell lysates using SDCBP antibody (1:1000 diluted). Predicted band size:32KDa Observed band size:32KDa.