

Rabbit anti-Human SDCBP Polyclonal Antibody | anti-SDCBP antibody

SDCBP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232663	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

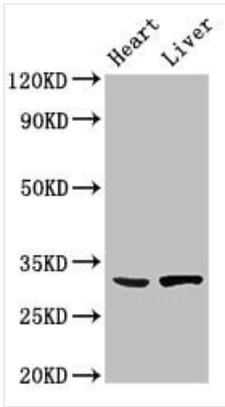
PRODUCT SYNONYMS

SDCBP; Polyclonal Antibody; SDCBP Antibody; Syntenin-1; Melanoma differentiation-associated protein 9; MDA-9; Pro-TGF-alpha cytoplasmic domain-interacting protein 18; TACIP18; Scaffold protein Pbp1; Syndecan-binding protein 1; MDA9; SYCL; anti-SDCBP antibody

PRODUCT SPECIFICATIONS

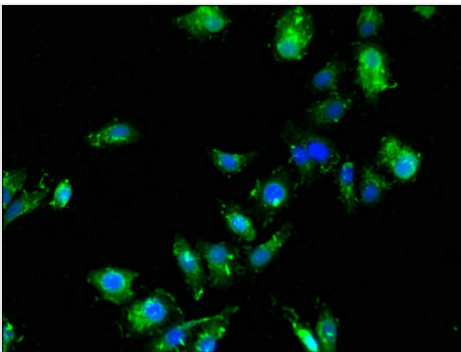
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	298
Applicable Applications for anti-SDCBP antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Syntenin-1 protein (21-228AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-19379 / sc-48742
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



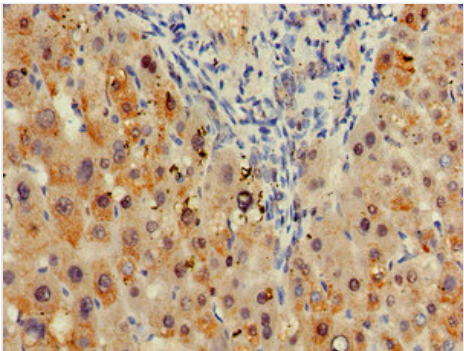
WB (Western Blot)

Western BlotPositive WB detected in: Mouse heart tissue,Rat liver tissueAll lanes: SDCBP antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 33,32 KDaObserved band size: 33 KDa



IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA232663 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver tissue using AAA232663 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-SDCBP antibody

Multifunctional adapter protein involved in diverse array of functions including trafficking of transmembrane proteins, neuro and immunomodulation, exosome biogenesis, 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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	55749490
NCBI GeneID	6386
NCBI Accession #	NP_001007068.1
NCBI GenBank Nucleotide #	NM_001007067.1
UniProt Accession #	O00560; O00173; O43391; Q14CP2; B2R5Q7; B4DUH3; B7ZLN2
Molecular Weight	31,762 Da

NCBI Official Full Name	syntenin-1 isoform 1
NCBI Official Synonym Full Names	syndecan binding protein
NCBI Official Symbol	SDCBP
NCBI Official Synonym Symbols	ST1; MDA9; SYCL; MDA-9; TACIP18
NCBI Protein Information	syntenin-1
UniProt Protein Name	Syntenin-1
UniProt Gene Name	SDCBP
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://www.aaabiotech.com/polyclonal/sdcbp-antibody-immunofluorescence-immunohistochemistry-elisa/232663>