

Datasheet for ABIN6719608
anti-SDCBP antibody (AA 2-259)



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Overview

Quantity:	100 µg
Target:	SDCBP
Binding Specificity:	AA 2-259
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SDCBP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-Syntenin/SDCBP Antibody Picoband®
Immunogen:	E.coli-derived human Syntenin/SDCBP recombinant protein (Position: S2-S259).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-Syntenin/SDCBP Antibody Picoband® (ABIN6719608). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	SDCBP
Alternative Name:	SDCBP (SDCBP Products)
Background:	Synonyms: 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, SDCBP, MDA9, SYCL Tissue Specificity: Expressed in lung cancers, including adenocarcinoma, squamous cell carcinoma and small-cell carcinoma. Widely expressed. Expressed in fetal kidney, liver, lung and brain. In adult highest expression in heart and placenta. Background: Syntenin-1 is a protein that in humans is encoded by the SDCBP gene. It is mapped to 8q12.1. 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. Related pseudogenes have been identified on multiple chromosomes.
Molecular Weight:	32 kDa
Gene ID:	6386
UniProt:	000560

Application Details

Application Notes:	Western blot, 0.1-0.5 µg/mL ELISA, 0.1-0.5 µg/mL 1. Borrell-Pages, M., Fernandez-Larrea, J., Borroto, A., Rojo, F., Baselga, J., Arribas, J. The carboxy-terminal cysteine of the tetraspanin L6 antigen is required for its interaction with SITAC, a novel PDZ protein. Molec. Biol. Cell 11: 4217-4225, 2000. 2. Fernandez-Larrea, J., Merlos-Suarez, A., Urena, J. M., Baselga, J., Arribas, J. A role for a PDZ protein in the early secretory pathway for the targeting of proTGF-alpha to the cell surface. Molec. Cell 3: 423-433, 1999. 3. Geijsen, N., Uings, I. J., Pals, C., Armstrong, J., McKinnon, M., Raaijmakers, J. A. M., Lammers, J.-W. J., Koenderman, L., Coffey, P. J. Cytokine-specific transcriptional regulation through an IL-5R-alpha interacting protein. Science 293: 1136-1138, 2001.
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Application Details

Comment:	Tested Species: In-house tested species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
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Concentration:	500 µg/mL
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Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C,-20 °C
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Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
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