

SDCBP2 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16601a

Specification

SDCBP2 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q9H190
Other Accession	NP_536737.3 , NP_056500.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	31594
Antigen Region	98-127

SDCBP2 Antibody (N-term) - Additional Information

Gene ID 27111

Other Names

Syntenin-2, Syndecan-binding protein 2, SDCBP2, SITAC18

Target/Specificity

This SDCBP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 98-127 amino acids from the N-terminal region of human SDCBP2.

Dilution

WB~~1:1000

Format

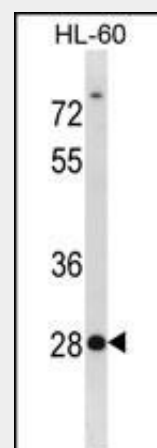
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SDCBP2 Antibody (N-term) is for research



SDCBP2 Antibody (N-term) (Cat. #AP16601a) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the SDCBP2 antibody detected the SDCBP2 protein (arrow).

SDCBP2 Antibody (N-term) - Background

Syntenin 2 binds to the cytoplasmic domains of the syndecans: it contains a tandem repeat of PDZ domains that reacts with the FYA (phe-tyr-ala) C-terminal amino acid sequence of the syndecans. Cells that overexpress the fusion protein show numerous cell surface extensions, suggesting that Syntenin 2 may have an effect on cytoskeleton-membrane organization. Therefore, Syntenin 2 may function as an adaptor that couples syndecans to cytoskeletal proteins or cytosolic downstream signal-effectors.

SDCBP2 Antibody (N-term) - References

Wang, A.G., et al. Biochem. Biophys. Res. Commun. 345(3):1022-1032(2006)
Deloukas, P., et al. Nature 414(6866):865-871(2001)
Koroll, M., et al. J. Biol. Chem. 276(14):10646-10654(2001)
Borrell-Pages, M., et al. Mol. Biol. Cell 11(12):4217-4225(2000)

use only and not for use in diagnostic or therapeutic procedures.

SDCBP2 Antibody (N-term) - Protein Information

Name SDCBP2 ([HGNC:15756](#))

Synonyms SITAC18

Function

Binds phosphatidylinositol 4,5-bisphosphate (PIP2). May play a role in the organization of nuclear PIP2, cell division and cell survival (PubMed:15961997).

Cellular Location

Cytoplasm. Nucleus, nucleolus Nucleus, nucleoplasm. Cell membrane. Nucleus speckle. Note=Associates with intracellular membranes and enriched in the apical region of the cell and in intracellular compartments (PubMed:11102519). Colocalizes with TM4SF1 in the apical region of the cell (PubMed:11102519). Predominantly targeted to nuclear PIP2 pools. Shuttles between several subcellular compartments (PubMed:15961997). PIP2 plays an important role in the distribution of SDCBP2 (PubMed:23300061).

Tissue Location

Preferentially expressed in cells of the digestive tract (PubMed:11102519). Low expression in skeletal muscle and kidney (PubMed:11102519). Detected in differentiated keratinocytes of normal and malignant epithelium (PubMed:22623796). In healthy skin, expression is localized in suprabasal epidermal layers (PubMed:22623796)

SDCBP2 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

- [Flow Cytometry](#)
- [Cell Culture](#)