

Syntenin 2 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2393a**Specification**

Syntenin 2 Antibody (C-Term) - Product Information

Application	IHC, E
Primary Accession	Q9H190
Other Accession	NP_056500.3 , NP_536737.3 , 27111 , 228765 (mouse)
Reactivity	Human
Predicted	Mouse, Rat
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	31594

Syntenin 2 Antibody (C-Term) - Additional Information**Gene ID** 27111**Other Names**

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

Dilution

IHC~~1:100~500

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Syntenin 2 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Syntenin 2 Antibody (C-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

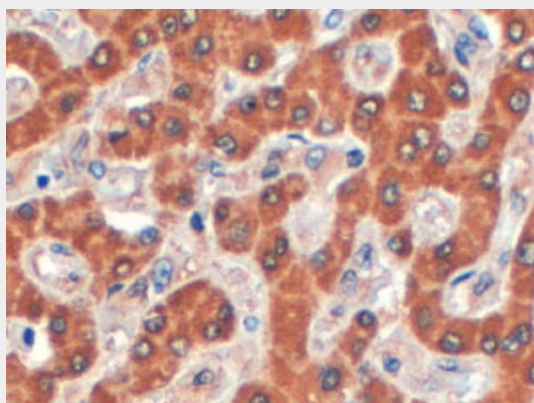
Preferentially expressed in cells of the digestive tract (PubMed:11102519). Low expression in skeletal muscle and kidney (PubMed:11102519). Detected in differentiated keratinocytes of normal and malignant epithelium (PubMed:22623796). In healthy skin, expression is localized in suprabasal epidermal layers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

Syntenin 2 Antibody (C-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](#)

Syntenin 2 Antibody (C-Term) - Images



AF2393a (4 µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

Syntenin 2 Antibody (C-Term) - Background

This antibody is expected to recognise both human isoforms (NP_056500; NP_536737).

Syntenin 2 Antibody (C-Term) - References

The neural cell recognition molecule neurofascin interacts with syntenin-1 but not with syntenin-2, both of which reveal self-associating activity. Koroll M, Rathjen FG, Volkmer H. J Biol Chem. 2001 Apr 6;276(14):10646-54. PMID: 11152476