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Syntenin 2 Antibody (C-Term)

Peptide-affinity purified goat antibody
Catalog # AF2393a

Specification

Syntenin 2 Antibody (C-Term) - Product Information

Application	**IHC**
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

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).

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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).

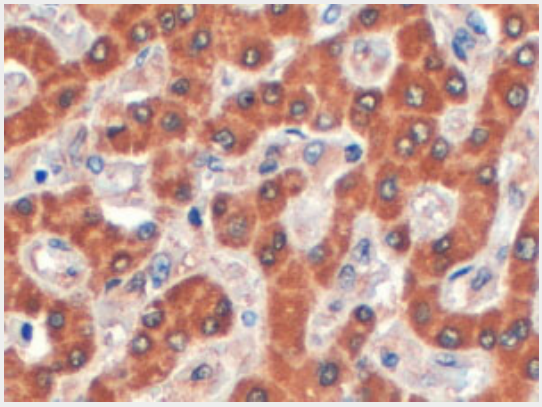
Tissue Location
Preferentially expressed in cells of the digestive tract (PubMed:11102519). Low expression in skeletal muscle and kidney (PubMed:11102519). Detected in differentiated keratinocytes of normal and malignant epithelium (PubMed:22623796). In healthy skin, expression is localized in suprabasal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