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SORBS1/ponsin (internal region) Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF2564a

Specification

SORBS1/ponsin (internal region) Antibody (internal region) - Product Information

Application	**E**
Primary Accession	Q9BX66
Other Accession	NP_006425.2, NP_056200.1, NP_001030126.1, NP_001030127.1, NP_001030128.1, NP_079267.1, NP_001030129.1, 10580, 20411 (mouse)
Predicted	**Human, Mouse**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**142513**

SORBS1/ponsin (internal region) Antibody (internal region) - Additional Information

Gene ID 10580

Other Names
Sorbin and SH3 domain-containing protein 1, Ponsin, SH3 domain protein 5, SH3P12, c-Cbl-associated protein, CAP, SORBS1 (HGNC:14565)

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
SORBS1/ponsin (internal region) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

SORBS1/ponsin (internal region) Antibody (internal region) - Protein Information

Name SORBS1 (HGNC:14565)

Function
Plays a role in tyrosine phosphorylation of CBL by linking CBL to the insulin receptor. Required for insulin-stimulated glucose transport. Involved in formation of actin stress fibers and focal

adhesions (By similarity).

Cellular Location
Cell junction, adherens junction. Cell membrane. Cytoplasm, cytoskeleton. Cell junction, focal adhesion. Nucleus. Nucleus matrix. Note=Colocalizes with the Ten-1 ICD form of TENM1 in the nucleus (By similarity). Colocalizes with actin stress fibers. Also detected at the plasma membrane and in neuronal intranuclear inclusions. Colocalized with PXN at focal adhesions during myogenic differentiation.

Tissue Location
Detected in skeletal muscle (at protein level). Widely expressed with highest levels in heart and skeletal muscle

SORBS1/ponsin (internal region) Antibody (internal region) - 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

SORBS1/ponsin (internal region) Antibody (internal region) - Images

SORBS1/ponsin (internal region) Antibody (internal region) - Background

This antibody is expected to recognise all reported isoforms (NP_006425.2 and NP_056200.1 and NP_001030126.1 and NP_001030127.1 and NP_001030128.1 and NP_079267.1 and NP_001030129.1)

SORBS1/ponsin (internal region) Antibody (internal region) - References

CAP defines a second signalling pathway required for insulin-stimulated glucose transport. Baumann CA, Ribon V, Kanzaki M, Thurmond DC, Mora S, Shigematsu S, Bickel PE, Pessin JE, Saltiel AR. Nature. 2000 Sep 14;407(6801):202-7. PMID: 11001060