

**SORBS1 / ponsin (internal) Antibody (internal region)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF2507a****Specification**

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

|                   |                                                                                                                                                                                                                                                           |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application       | <b>E</b>                                                                                                                                                                                                                                                  |
| Primary Accession | <a href="#">Q9BX66</a>                                                                                                                                                                                                                                    |
| Other Accession   | <a href="#">NP_006425.2</a> , <a href="#">NP_056200.1</a> , <a href="#">NP_001030126.1</a> ,<br><a href="#">NP_001030127.1</a> , <a href="#">NP_001030128.1</a> ,<br><a href="#">NP_079267.1</a> , <a href="#">NP_001030129.1</a> , <a href="#">10580</a> |
| Predicted         | <b>Human</b>                                                                                                                                                                                                                                              |
| Host              | <b>Goat</b>                                                                                                                                                                                                                                               |
| Clonality         | <b>Polyclonal</b>                                                                                                                                                                                                                                         |
| Concentration     | <b>0.5 mg/ml</b>                                                                                                                                                                                                                                          |
| Isotype           | <b>IgG</b>                                                                                                                                                                                                                                                |
| Calculated MW     | <b>142513</b>                                                                                                                                                                                                                                             |

**SORBS1 / ponsin (internal) 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 ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=14565](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=14565))  
target="\_blank">HGNC:14565</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**

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

**SORBS1 / ponsin (internal) 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) 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 Cytometry](#)
- [Cell Culture](#)

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

This antibody is expected to recognise all 7 reported isoforms (NP\_006425.2, NP\_056200.1, NP\_001030126.1, NP\_001030127.1, NP\_001030128.1, NP\_079267.1 and NP\_001030129.1).

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

A novel isoform of Cbl-associated protein that binds protein kinase A. Matson SA, Pare GC, Kapiloff MS. Biochim Biophys Acta. 2005 Feb 14;1727(2):145-9. Epub 2004 Dec 28. PMID: 15716063