

**SORBS1 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10689c****Specification**

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**SORBS1 Antibody (Center) Blocking peptide - Product Information**Primary Accession [Q9BX66](#)**SORBS1 Antibody (Center) Blocking peptide - 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))  
HGNC:14565

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**SORBS1 Antibody (Center) Blocking peptide - 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 Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**SORBS1 Antibody (Center) Blocking peptide - Images****SORBS1 Antibody (Center) Blocking peptide - Background**

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**SORBS1 Antibody (Center) Blocking peptide - References**

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) ;Joslyn, G., et al. Alcohol. Clin. Exp. Res. 34(5):800-812(2010)Gehmlich, K., et al. Eur. J. Cell Biol. 89(5):351-364(2010)Yamada, Y., et al. Hypertens. Res. 32(5):325-331(2009)Fernow, I., et al. BMC Cell Biol. 10, 80 (2009) :