

Rabbit SORBS1 Polyclonal Antibody | anti-SORBS1 antibody

SORBS1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286213	Rabbit	Human, Hamster(Predicted Reactivity: Mouse)	Immunofluorescence, ELISA, Western Blot

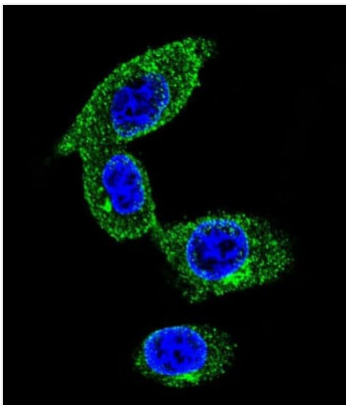
PRODUCT SYNONYMS

SORBS1; Polyclonal Antibody; SORBS1 Antibody (Center); Sorbin and SH3 domain-containing protein 1; Ponsin; SH3 domain protein 5; SH3P12; c-Cbl-associated protein; CAP; SORBS1 HGNC:14565); anti-SORBS1 antibody

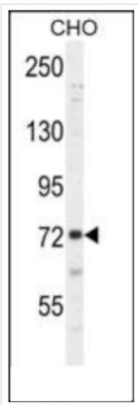
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Hamster (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SORBS1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 866-892 amino acids from the Central region of human SORBS1.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	866-892
Sequence Length	1,294
Applicable Applications for anti-SORBS1 antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
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
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

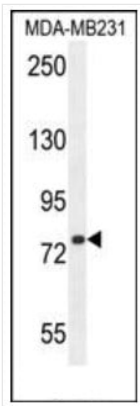
IMAGES



IF (Immunofluorescence)
Confocal immunofluorescent analysis of SORBS1 Antibody (Center) with MDA-MB231 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



WB (Western Blot)
SORBS1 Antibody (Center) western blot analysis in CHO cell line lysates (35ug/lane). This demonstrates the SORBS1 antibody detected the SORBS1 protein (arrow).



WB (Western Blot)
SORBS1 Antibody (Center) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the SORBS1 antibody detected the SORBS1 protein (arrow).

ADDITIONAL INFORMATION

Product Categories/Family for anti-SORBS1 antibody	Signal Transduction
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) Gehrmlich, 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) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	78000163
NCBI GeneID	10580
NCBI Accession #	NP_001030126.1; NP_001030127.1; NP_001030128.1; NP_001030129.1; NP_006425.2; NP_056200.1; NP_079267.1
NCBI GenBank Nucleotide #	NM_001034954.1
UniProt Accession #	Q9BX66; O43857; Q5T923; Q5T924; Q5T927; Q5T928; A0AED4; A6NEK3; A6NID8; A6NJS4; A7MD40; D3DR42
Molecular Weight	142513
NCBI Official Full Name	sorbin and SH3 domain-containing protein 1 isoform 3

NCBI Official Synonym Full Names	sorbin and SH3 domain containing 1
NCBI Official Symbol	SORBS1
NCBI Official Synonym Symbols	CAP; FLAF2; R85FL; SH3D5; SORB1; SH3P12
NCBI Protein Information	sorbin and SH3 domain-containing protein 1
UniProt Protein Name	Sorbin and SH3 domain-containing protein 1
UniProt Gene Name	SORBS1
UniProt Synonym Gene Names	CAP
UniProt Entry Name	SRBS1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sorbs1-antibody-immunofluorescence-western-blot-elisa/286213>