

Rabbit SORBS2 Polyclonal Antibody | anti-SORBS2 antibody

SORBS2 Antibody

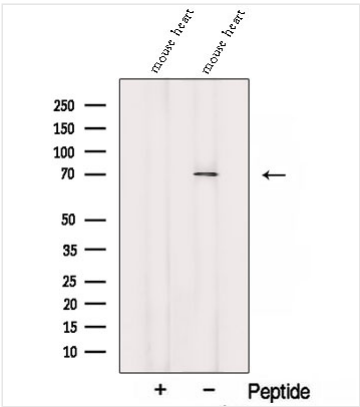
CATALOG # AAA328729	HOST Rabbit	REACTIVITY Human, MousePredicted: Rabbit	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

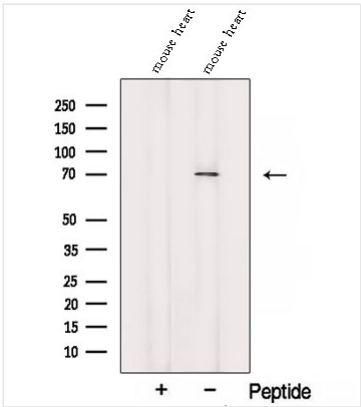
SORBS2; Polyclonal Antibody; SORBS2 Antibody; Arg binding protein 2; Arg-binding protein 2; Arg/Abl interacting protein 2; Arg/Abl interacting protein; Arg/Abl-interacting protein 2; ArgBP2; KIAA0777; PRO0618; sorbin and SH3 domain containing 2; Sorbin and SH3 domain-containing protein 2; Sorbin; Sorbs2; SRBS2_HUMAN; anti-SORBS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse Predicted: Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	SORBS2 Antibody detects endogenous levels of SORBS2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	644
Applicable Applications for anti-SORBS2 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human SORBS2.
Tissue Specificity	Abundantly expressed in heart. In cardiac muscle cells, located in the Z-disks of sarcomere. Also found, but to a lower extent, in small and large intestine, pancreas, thymus, colon, spleen, prostate, testis, brain, ovary and epithelial cells. In the pancreas, mainly expressed in acinar cells, duct cells and all cell types in islets (at protein level). Tends to be down-regulated in pancreatic adenocarcinomas and metastases.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Plasma Membrane
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from Mouse heart tissue, using SORBS2 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from HepG2, using SORBS2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SORBS2 antibody	Description: Adapter protein that plays a role in the assembling of signaling complexes, being a link between ABL kinases and actin cytoskeleton. Can form complex with ABL1 and CBL, thus promoting ubiquitination and degradation of ABL1 or with AKT1 and PAK1, thus mediating AKT1-mediated activation of PAK1. May play a role in the regulation of pancreatic cell adhesion, possibly by acting on WASF1 phosphorylation, enhancing phosphorylation by ABL1, as well as dephosphorylation by PTPN12 (PubMed:18559503). Isoform 6 increases water and sodium absorption in the intestine and gall-bladder.
	Post Translational Modifications: Ubiquitinated by CBL. Dephosphorylated by PTPN12.
	Subunit Structure: Interacts with ABL, CBL, DNM1, DNM2, FLOT1, AFDN, PTK2B/PYK2, SAPAP, SPTAN1, SYNJ1, SYNJ2, VCL/vinculin, and WASF (By similarity). Interacts with ABL1/c-Abl, ABL2/v-Abl/Arg, ACTN, AKT1, CBL, PALLD and PAK1. Interacts with PTPN12 and WASF1 via its SH3 domains; this interaction may mediate the partial PTPN12 and WASF1 translocation to focal adhesion sites.
	Similarity: The first 2 SH3 domains are required for WASF1-binding. All 3 SH3 domains can bind independently to PTPN12.

NCBI AND UNIPROT INFORMATION

NCBI GI #	224586844
NCBI GeneID	8470
NCBI Accession #	NP_001139142.1
NCBI GenBank Nucleotide #	NP_001139142.1
UniProt Accession #	O94875
Molecular Weight	Observed: 70 kDa Predicted: 125 kDa
NCBI Official Full Name	sorbin and SH3 domain-containing protein 2 isoform 3
NCBI Official Synonym Full Names	sorbin and SH3 domain containing 2
NCBI Official Symbol	SORBS2
NCBI Official Synonym Symbols	ARGBP2; PRO0618
NCBI Protein Information	sorbin and SH3 domain-containing protein 2
UniProt Protein Name	Sorbin and SH3 domain-containing protein 2

UniProt Gene Name	SORBS2
UniProt Synonym Gene Names	ARGBP2; KIAA0777; ArgBP2
UniProt Entry Name	SRBS2_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/sorbs2-antibody-western-blot-elisa/328729>