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Rabbit Anti-SORBS2 antibody

SL4862R

Product Name:	SORBS2
Chinese Name:	精氨酸Binding protein2抗体
Alias:	Arg binding protein 2; Arg/Abl interacting protein 2; Arg/Abl interacting protein; ARGBP2; PRO0618; SRBS2_HUMAN; sorbin and SH3 domain containing 2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,Guinea Pig,G
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	124kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SORBS2:1001-1100/1100
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	SORBS2 is an adapter protein that plays a role in the assembling of signaling complexes, being a link between ABL kinases and actin cytoskeleton. It can form a complex with ABL1 and CBL, thus promoting ubiquitination and degradation of ABL1 or with AKT1 and PAK1, thus mediating AKT1-mediated activation of PAK1. **Function:**

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. Isoform 6 increases water and sodium absorption in the intestine and gall-bladder.

Subunit:
Interacts with ABL, CBL, DNM1, DNM2, FLOT1, MLLT4/afadin, 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.

Subcellular Location:
Cytoplasm, perinuclear region. Note=Found at the Z-disk sarcomeres, stress fibers, dense bodies and focal adhesion.

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.

Post-translational modifications:
Ubiquitinated by CBL.

Similarity:
Contains 3 SH3 domains.
Contains 1 SoHo domain.

SWISS:
O94875

Gene ID:
8470

Database links:

Entrez Gene: 8470 Human

SwissProt: O94875 Human

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.