

精氨酸结合蛋白 2 抗体

产品货号： mlR4905

英文名称： SORBS2

中文名称： 精氨酸结合蛋白 2 抗体

别 名： ArgBP2; Arg binding protein 2; Arg/Abl interacting protein 2; Arg/Abl interacting protein; ARGBP2; PRO0618; SRBS2_HUMAN; sorbin and SH3 domain containing 2.

研究领域： 信号转导 激酶和磷酸酶

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Pig, Horse, Rabbit,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:50-200 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 124kDa

细胞定位： 细胞浆

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human SORBS2/ArgBP2:401-500/664

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : 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

产品介绍 : 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

Important Note:

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

产品图片

