

## SHC4 蛋白抗体

产品货号： mlR8700

英文名称： SHC4

中文名称： SHC4 蛋白抗体

别名： hShcD; MGC34023; Rai like protein; Rai-like protein; RaLP; SH2 domain protein C4; SHC (Src homology 2 domain containing) family member 4; SHC 4; SHC; SHC family member 4; SHC transforming protein 4; SHC transforming protein D; SHC-transforming protein 4; SHC-transforming protein D; Shc4; SHC4\_HUMAN; SHCD; Src homology 2 domain containing family member 4; Src homology 2 domain containing transforming protein C4; Src homology 2 domain-containing-transforming protein C4.

研究领域： 细胞生物 神经生物学 信号转导 转运蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Horse,

产品应用： WB=1:500-2000 ELISA=1:500-1000

not yet tested in other applications.

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

分 子 量 : 69kDa

细胞定位 : 细胞膜

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human SHC4:451-550/630

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 0.01M PBS, pH 7.4

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 Function:**

Activates both Ras-dependent and Ras-independent migratory pathways in melanomas. Contributes to the early phases of agrin-induced tyrosine phosphorylation of CHRNA1.

**Subunit:**

Interacts (via PID domain) with phosphorylated MUSK (via NPXY motif); undergoes tyrosine phosphorylation downstream of activated MUSK. Interacts with GRB2; the interaction is dependent of Tyr-424 phosphorylation and increased by EGF.

**Subcellular Location:**

Cell junction > synapse > postsynaptic cell membrane. Colocalized with MUSK at the neuromuscular junction.

**Tissue Specificity:**

Only expressed in melanomas. Weakly expressed in normal melanocytes and benign nevi. Highly expressed at the transition from radial growth phase to vertical growth phase and metastatic melanomas, when tumor cells acquire migratory competence and invasive potential.

**Post-translational modifications:**

Phosphorylated; the phosphorylation is enhanced by EGF. Phosphorylation at Tyr-424 is required for the interaction with GRB2.

**Similarity:**

Contains 1 PID domain.

Contains 1 SH2 domain.

**SWISS:**

Q6S5L8

**Gene ID:**

399694

**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

