

**Mouse Shc4 Antibody(C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP19647b**

**Specification**

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**Mouse Shc4 Antibody(C-term) Blocking peptide - Product Information**

Primary Accession [Q6S5L9](#)

**Mouse Shc4 Antibody(C-term) Blocking peptide - Additional Information**

**Gene ID** 271849

**Other Names**

SHC-transforming protein 4, Rai-like protein, RaLP, SHC-transforming protein D, mShcD, Src homology 2 domain-containing-transforming protein C4, SH2 domain protein C4, Shc4, Shcd

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**Mouse Shc4 Antibody(C-term) Blocking peptide - Protein Information**

**Name** Shc4

**Synonyms** Shcd

**Function**

Activates both Ras-dependent and Ras-independent migratory pathways in melanomas. Contributes to the early phases of agrin-induced tyrosine phosphorylation of CHRN1.

**Cellular Location**

Postsynaptic cell membrane. Note=Colocalized with MUSK at the neuromuscular junction

**Tissue Location**

Expressed in both brain and skeletal muscle; widely expressed in brain namely olfactory bulb, cortex, hippocampus, striatum, thalamus, and brain stem (at protein level). 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

**Mouse Shc4 Antibody(C-term) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**Mouse Shc4 Antibody(C-term) Blocking peptide - Images****Mouse Shc4 Antibody(C-term) Blocking peptide - Background**

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Contributes to the early phases of agrin-induced tyrosine phosphorylation of CHRNA1.

**Mouse Shc4 Antibody(C-term) Blocking peptide - References**

Jones, N., et al. Mol. Cell. Biol. 27(13):4759-4773(2007)Fagiani, E., et al. Cancer Res. 67(7):3064-3073(2007)