

SHC4 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11930a**Specification**

SHC4 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q6S5L8](#)**SHC4 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 399694**Other Names**

SHC-transforming protein 4, Rai-like protein, RaLP, SHC-transforming protein D, hShcD, 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.

SHC4 Antibody (N-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 CHRNA1.

Cellular Location

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

Tissue Location

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.

SHC4 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SHC4 Antibody (N-term) Blocking peptide - Images

SHC4 Antibody (N-term) Blocking peptide - Background

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SHC4 Antibody (N-term) Blocking peptide - References

You, Y., et al. BMB Rep 43(7):485-490(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010)
: Jones, N., et al. Mol. Cell. Biol. 27(13):4759-4773(2007) Fagiani, E., et al. Cancer Res. 67(7):3064-3073(2007) Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)