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SSH3 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11697b

Specification

SSH3 Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q8TE77

SSH3 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 54961

Other Names
Protein phosphatase Slingshot homolog 3, SSH-like protein 3, SSH-3L, hSSH-3L, SSH3, SSH3L

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.

SSH3 Antibody (C-term) Blocking peptide - Protein Information

Name SSH3

Synonyms SSH3L

Function
Protein phosphatase which may play a role in the regulation of actin filament dynamics. Can dephosphorylate and activate the actin binding/depolymerizing factor cofilin, which subsequently binds to actin filaments and stimulates their disassembly (By similarity).

Cellular Location
Cytoplasm, cytoskeleton. Nucleus

SSH3 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

SSH3 Antibody (C-term) Blocking peptide - Images

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SSH3 Antibody (C-term) Blocking peptide - Background

This gene is a member of the protocadherin beta genecluster, one of three related gene clusters tandemly linked onchromosome five. The gene clusters demonstrate an unusual genomicorganization similar to that of B-cell and T-cell receptor geneclusters. The beta cluster contains 16 genes and 3 pseudogenes,each encoding 6 extracellular cadherin domains and a cytoplasmictail that deviates from others in the cadherin superfamily. Theextracellular domains interact in a homophilic manner to specifydifferential cell-cell connections. Unlike the alpha and gammaclusters, the transcripts from these genes are made up of only onelarge exon, not sharing common 3' exons as expected. These neuralcadherin-like cell adhesion proteins are integral plasma membraneproteins. Their specific functions are unknown but they most likelyplay a critical role in the establishment and function of specificcell-cell neural connections.

SSH3 Antibody (C-term) Blocking peptide - References

Zhang, Z., et al. Protein Sci. 13(10):2819-2824(2004)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)Frank, M., et al. Curr. Opin. Cell Biol. 14(5):557-562(2002)Vanhalst, K., et al. FEBS Lett. 495 (1-2), 120-125 (2001) :Wu, Q., et al. Genome Res. 11(3):389-404(2001)