

**SHQ1 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11715a****Specification**

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**SHQ1 Antibody (N-term) Blocking peptide - Product Information**Primary Accession [Q6PI26](#)**SHQ1 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 55164**Other Names**

Protein SHQ1 homolog, SHQ1

**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.

**SHQ1 Antibody (N-term) Blocking peptide - Protein Information****Name** SHQ1**Function**

Required for the quantitative accumulation of H/ACA ribonucleoproteins (RNPs), including telomerase, probably through the stabilization of DKC1, from the time of its synthesis until its association with NOP10, NHP2, and NAF1 at the nascent H/ACA RNA.

**Cellular Location**

Cytoplasm, cytosol. Nucleus, nucleoplasm. Note=May at least partially shuttle between cytosol and nucleoplasm. In the nucleoplasm, exhibits a granular pattern, but is excluded from nucleoli and Cajal bodies. Absent from most H/ACA-box RNA transcription sites

**SHQ1 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**SHQ1 Antibody (N-term) Blocking peptide - Images**

**SHQ1 Antibody (N-term) Blocking peptide - Background**

The protein encoded by this gene is a helix-loop-helix(HLH) protein that can form heterodimers with members of the basicHLH family of transcription factors. The encoded protein has no DNA binding activity and therefore can inhibit the DNA binding and transcriptional activation ability of basic HLH proteins with which it interacts. This protein may play a role in cell growth, senescence, and differentiation. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq].

**SHQ1 Antibody (N-term) Blocking peptide - References**

Qian, T., et al. Oncogene 29(43):5818-5827(2010) Hamajima, Y., et al. Cell Prolif. 43(5):457-463(2010) Yang, J., et al. Circ. Res. 107(2):252-262(2010) Phi, J.H., et al. J Neurosurg Pediatr 5(6):608-614(2010) Geng, H., et al. Cancer Res. 70(8):3239-3248(2010)