

**SLK Antibody Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP7951a****Specification**

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**SLK Antibody Blocking Peptide - Product Information**

Primary Accession [O9H2G2](#)  
Other Accession [NP\\_055535](#)

**SLK Antibody Blocking Peptide - Additional Information**

**Gene ID** 9748

**Other Names**

STE20-like serine/threonine-protein kinase, STE20-like kinase, hSLK, CTCL tumor antigen se20-9, STE20-related serine/threonine-protein kinase, STE20-related kinase, Serine/threonine-protein kinase 2, SLK, KIAA0204, STK2

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7951a](/product/products/AP7951a) was selected from the region of human SLK . A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**SLK Antibody Blocking Peptide - Protein Information**

**Name** SLK

**Synonyms** KIAA0204, STK2

**Function**

Mediates apoptosis and actin stress fiber dissolution.

**Cellular Location**

Cytoplasm.

**Tissue Location**

Ubiquitously expressed. Highest expression is found in heart and in skeletal muscle.

## **SLK Antibody Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **SLK Antibody Blocking Peptide - Images**

## **SLK Antibody Blocking Peptide - Background**

SLK, a member of the serine-threonine kinase family, is activated via homodimerization to signal via ASK1 and p38 to promote apoptosis. Reduction of of the protective endoplasmic reticulum stress response by SLK may contribute to its proapoptotic effect. SLK is proteolytically cleaved by caspase-3.

## **SLK Antibody Blocking Peptide - References**

Eichmuller, S., et al., Proc. Natl. Acad. Sci. U.S.A. 98(2):629-634 (2001). Yamada, E., et al., Biochim. Biophys. Acta 1495(3):250-262 (2000). Sabourin, L.A., et al., Mol. Cell. Biol. 20(2):684-696 (2000).