

**KHS Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8007a****Specification**

---

**KHS Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q9Y4K4](#)**KHS Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 11183**Other Names**

Mitogen-activated protein kinase kinase kinase 5, Kinase homologous to SPS1/STE20, KHS, MAPK/ERK kinase kinase 5, MEK kinase kinase 5, MEKKK 5, MAP4K5

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8007a](/product/products/AP8007a) was selected from the C-term region of human KHS . 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.

**KHS Antibody (C-term) Blocking Peptide - Protein Information****Name** MAP4K5**Function**

May play a role in the response to environmental stress. Appears to act upstream of the JUN N-terminal pathway.

**Cellular Location**

Cytoplasm.

**Tissue Location**

Ubiquitously expressed in all tissues examined, with high levels in the ovary, testis and prostate

## **KHS Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **KHS Antibody (C-term) Blocking Peptide - Images**

## **KHS Antibody (C-term) Blocking Peptide - Background**

KHS, a member of the STE20 subfamily of Ser/Thr protein kinases, may play a role in the response to environmental stress. It appears to act upstream of the JUN N-terminal pathway. KHS interacts with both SH3 domains of the adapter proteins CRK and CRKL. This cytoplasmic protein is ubiquitously expressed in all tissues examined, with high levels in the ovary, testis and prostate.

## **KHS Antibody (C-term) Blocking Peptide - References**

Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002). Oehrl, W., et al., Oncogene 17(15):1893-1901 (1998). Tung, R.M., et al., Oncogene 14(6):653-659 (1997).