

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

KHS Antibody (C-term) Blocking Peptide - Product InformationPrimary 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 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).