

KIST (KIS) Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP8067a**Specification**

KIST (KIS) Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q8TAS1](#)**KIST (KIS) Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 127933**Other Names**

Serine/threonine-protein kinase Kist, Kinase interacting with stathmin, PAM COOH-terminal interactor protein 2, P-CIP2, U2AF homology motif kinase 1, UHMK1, KIS, KIST

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP8067a](/product/products/AP8067a) was selected from the N-term region of human KIS. 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.

KIST (KIS) Antibody (N-term) Blocking peptide - Protein Information**Name** UHMK1**Synonyms** KIS, KIST**Function**

Upon serum stimulation, phosphorylates CDKN1B/p27Kip1, thus controlling CDKN1B subcellular location and cell cycle progression in G1 phase. May be involved in trafficking and/or processing of RNA (By similarity).

Cellular Location

Nucleus.

Tissue Location

Widely expressed, with highest levels in skeletal muscle, kidney, placenta and peripheral blood

leukocytes

KIST (KIS) Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

KIST (KIS) Antibody (N-term) Blocking peptide - Images

KIST (KIS) Antibody (N-term) Blocking peptide - Background

Upon serum stimulation, KIS, a member of the Ser/Thr protein kinase family, phosphorylates CDKN1B/p27Kip1, thus controlling CDKN1B subcellular location and cell cycle progression in G1 phase. This protein, which contains 1 RRM (RNA recognition motif) domain, may be involved in trafficking and/or processing of RNA. KIS is widely expressed, with highest levels in skeletal muscle, kidney, placenta and peripheral blood leukocytes.

KIST (KIS) Antibody (N-term) Blocking peptide - References

Bieche, I., et al., Brain Res. Mol. Brain Res. 114(1):55-64 (2003). Boehm, M., et al., EMBO J. 21(13):3390-3401 (2002).