

CSNK2B Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP7075b**Specification****CSNK2B Antibody (C-term) Blocking Peptide -
Product Information**Primary Accession [P67870](#)**CSNK2B Antibody (C-term) Blocking Peptide -
Additional Information****Gene ID** 1460**Other Names**Casein kinase II subunit beta, CK II beta,
Phosvitin, Protein G5a, CSNK2B, CK2N, G5A**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7075b](#) was selected from the C-term region of human CSNK2B. 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.

**CSNK2B Antibody (C-term) Blocking Peptide -
Protein Information****Name** CSNK2B**Synonyms** CK2N, G5A**CSNK2B Antibody (C-term) Blocking
Peptide - Background**

Phosvitin/casein kinase type II (CKII) is a ubiquitous, highly conserved enzyme consisting of subunits alpha, alpha-prime, and beta. It is a ubiquitous messenger-independent serine/threonine kinase, localized in both the cytoplasm and the nucleus. The beta subunit presumably serves regulatory functions. CKII has been shown to be involved in a potential mechanism for p53 activation by UV irradiation.

**CSNK2B Antibody (C-term) Blocking
Peptide - References**

Schwartz, E.I., et al., Mol. Cell. Biol. 24(21):9580-9591 (2004). Lee, G., et al., J. Biol. Chem. 279(8):6834-6839 (2004). Lim, A.C., et al., J. Biol. Chem. 279(6):4433-4439 (2004). Singh, D.K., et al., Virology 313(2):435-451 (2003). Kim, Y.S., et al., J. Biol. Chem. 278(31):28462-28469 (2003).

Function

Regulatory subunit of casein kinase II/CK2.
As part of the kinase complex regulates the basal catalytic activity of the alpha subunit a constitutively active serine/threonine-protein kinase that phosphorylates a large number of substrates containing acidic residues C-terminal to the phosphorylated serine or threonine (PubMed:11239457, PubMed:16818610). Participates in Wnt signaling (By similarity).

CSNK2B Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)