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CSNK1G1 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP7404a

Specification

CSNK1G1 Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q9HCP0

CSNK1G1 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 53944

Other Names
Casein kinase I isoform gamma-1, CKI-gamma 1, CSNK1G1

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7404a was selected from the C-term region of human CK1g1 . 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.

CSNK1G1 Antibody (C-term) Blocking peptide - Protein Information

Name CSNK1G1

Function
Serine/threonine-protein kinase. Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. It can phosphorylate a large number of proteins. Participates in Wnt signaling. Regulates fast synaptic transmission mediated by glutamate (By similarity). Phosphorylates CLSPN.

Cellular Location
Cytoplasm.

CSNK1G1 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

CSNK1G1 Antibody (C-term) Blocking peptide - Images

CSNK1G1 Antibody (C-term) Blocking peptide - Background

CK1g1 is a serine/threonine protein kinase. Although this gene product is similar to serum- and glucocorticoid-induced protein kinase (SGK), this gene is not induced by serum or glucocorticoids. Expression is induced in response to signals that activate phosphatidylinositol 3-kinase, which is also true for SGK.

CSNK1G1 Antibody (C-term) Blocking peptide - References

Friedrich, B., et al., Pflugers Arch. 445(6):693-696 (2003).Embark, H.M., et al., Pflugers Arch. 445(5):601-606 (2003).Gamper, N., et al., Pflugers Arch. 445(1):60-66 (2002).Lang, F., et al., Sci. STKE 2001 (108), RE17 (2001).Kobayashi, T., et al., Biochem. J. 344 Pt 1, 189-197 (1999).