

**Mouse Csnk1g1 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP14134b****Specification**

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**Mouse Csnk1g1 Antibody (C-term) Blocking peptide - Product Information**Primary Accession [Q8BTH8](#)**Mouse Csnk1g1 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 214897**Other Names**

Casein kinase I isoform gamma-1, CKI-gamma 1, Csnk1g1

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP14134b was selected from the C-term region of Mouse Csnk1g1. 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.

**Mouse 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. Phosphorylates CLSPN (By similarity). Regulates fast synaptic transmission mediated by glutamate.

**Cellular Location**

Cytoplasm.

**Tissue Location**

Expressed in both the striatum and the neocortex.

**Mouse Csnk1g1 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**Mouse Csnk1g1 Antibody (C-term) Blocking peptide - Images****Mouse Csnk1g1 Antibody (C-term) Blocking peptide - Background**

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**Mouse Csnk1g1 Antibody (C-term) Blocking peptide - References**

Chergui, K., et al. J. Neurosci. 25(28):6601-6609(2005)Zambrowicz, B.P., et al. Proc. Natl. Acad. Sci. U.S.A. 100(24):14109-14114(2003)Stryke, D., et al. Nucleic Acids Res. 31(1):278-281(2003)Fujimoto, S., et al. Nucleic Acids Res. 21 (18), 4403 (1993) :