

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

Mouse Csnk1g1 Antibody (C-term) Blocking peptide - Product InformationPrimary 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) :