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Mouse Camkk1 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP16901b

Specification

Mouse Camkk1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q8VBY2

Mouse Camkk1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 55984

Other Names
Calcium/calmodulin-dependent protein kinase kinase 1, CaM-KK 1, CaM-kinase kinase 1, CaMKK 1, CaM-kinase IV kinase, Calcium/calmodulin-dependent protein kinase kinase alpha, CaM-KK alpha, CaM-kinase kinase alpha, CaMKK alpha, Camkk1, Camkk

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 Camkk1 Antibody (C-term) Blocking Peptide - Protein Information

Name Camkk1

Synonyms Camkk

Function
Calcium/calmodulin-dependent protein kinase that belongs to a proposed calcium-triggered signaling cascade involved in a number of cellular processes. Phosphorylates CAMK1, CAMK1D, CAMK1G and CAMK4. Involved in regulating cell apoptosis. Promotes cell survival by phosphorylating AKT1/PKB that inhibits pro-apoptotic BAD/Bcl2- antagonist of cell death.

Cellular Location
Cytoplasm. Nucleus.

Tissue Location
Widely expressed. Differentially expressed in various brain regions.

Mouse Camkk1 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

Mouse Camkk1 Antibody (C-term) Blocking Peptide - Images

Mouse Camkk1 Antibody (C-term) Blocking Peptide - Background

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Mouse Camkk1 Antibody (C-term) Blocking Peptide - References

Pereira, J.D., et al. Proc. Natl. Acad. Sci. U.S.A. 107(36):15957-15962(2010)Jin, X.L., et al. Biol. Reprod. 82(2):459-468(2010)Zhou, L., et al. J. Biol. Chem. 284(33):22426-22435(2009)Sueyoshi, N., et al. Arch. Biochem. Biophys. 488(1):48-59(2009)Kaneko, K., et al. Biochim. Biophys. Acta 1790(1):71-79(2009)