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Mouse Camk1g Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP16158b

Specification

Mouse Camk1g Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q91VB2

Mouse Camk1g Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 215303

Other Names
Calcium/calmodulin-dependent protein kinase type 1G, CaM kinase I gamma, CaM kinase IG, CaM-KI gamma, CaMKI gamma, CaMKIG, CaMK-like CREB kinase III, CLICK III, Camk1g

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 Camk1g Antibody (C-term) Blocking Peptide - Protein Information

Name Camk1g

Function
Calcium/calmodulin-dependent protein kinase belonging to a proposed calcium-triggered signaling cascade. In vitro phosphorylates transcription factor CREB1.

Cellular Location
Cytoplasm. Golgi apparatus membrane; Peripheral membrane protein. Cell membrane; Peripheral membrane protein

Tissue Location
Highly expressed in brain, in neuronal cell bodies of the central nucleus of amygdala and ventromedial hypothalamic nucleus. Also detected in heart, testis, and kidney

Mouse Camk1g Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

Mouse Camk1g Antibody (C-term) Blocking Peptide - Images

Mouse Camk1g Antibody (C-term) Blocking Peptide - Background

Calcium/calmodulin-dependent protein kinase belonging to a proposed calcium-triggered signaling cascade. In vitro phosphorylates transcription factor CREB1.

Mouse Camk1g Antibody (C-term) Blocking Peptide - References

Pang, Z.P., et al. J. Biol. Chem. 285(44):33930-33939(2010)Takemoto-Kimura, S., et al. Neuron 54(5):755-770(2007)Kamata, A., et al. Neurosci. Res. 57(1):86-97(2007)Chen, Y., et al. J. Immunol. 175(2):1080-1089(2005)Frederikse, P.H., et al. Mol. Vis. 10, 794-804 (2004) :