

**Mouse Camk1g Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16158b****Specification**

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

Primary Accession [O91VB2](#)

**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) :