

Mouse Camk1g Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16158b**Specification**

Mouse Camk1g Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O91VB2
Other Accession	O7TNJ7 , NP_659066.1
Reactivity	Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	53296
Antigen Region	426-453

Mouse Camk1g Antibody (C-term) - 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

Target/Specificity

This Mouse Camk1g antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 426-453 amino acids from the C-terminal region of mouse Camk1g.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Mouse Camk1g Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Camk1g Antibody (C-term) - 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

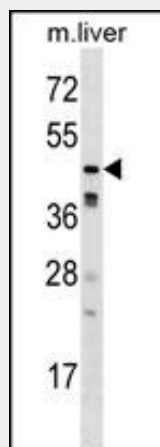
Highly expressed in brain, in neuronal cell bodies of the central nucleus of amygdala and ventromedial hypothalamic nucleus. Also detected in heart, testis, and kidney

Mouse Camk1g Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Mouse Camk1g Antibody (C-term) - Images



Mouse Camk1g Antibody (C-term) (Cat. #AP16158b) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the Camk1g antibody detected the Camk1g protein (arrow).

Mouse Camk1g Antibody (C-term) - 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) - 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) :