CAMK1G Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Camk1g, Polyclonal Antibody
Full Product Name	Camk1g, CT (Camk1g, Calcium/calmodulin-dependent protein kinase type 1G, CaM kinase I gamma, CaMK-like CREB kinase III) (MaxLight 650)
Product Gene Name	anti-Camk1g antibody
Product Synonym Names	Camk1g; Calcium/calmodulin-dependent protein kinase type 1G; CaM kinase I gamma; CaMK-like CREB kinase III
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight650 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	53,296 Da
3D Structure	ModBase 3D Structure for Q91VB2
Immunogen	Mouse Camk1g antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 425-453 amino acids from the C-terminal region of Mouse Camk1g.
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-Camk1g antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-Camk1g antibody	Western Blot (WB), FLISA
Application Notes for anti-Camk1g antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-Camk1g antibody	Calcium/calmodulin-dependent protein kinase belonging to a proposed calcium-triggered signaling cascade. In vitro phosphorylates transcription factor CREB1.
Product References and Citations for anti-Camk1g antibody	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).
Other Notes	Small volumes of anti-Camk1g antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for Camk1g purchase	MBS6280592 is an antibody targeting Camk1g. Also known as Camk1g, CT (Camk1g, Calcium/calmodulin-dependent protein kinase type 1G, CaM kinase I gamma, CaMK-like CREB kinase III) (MaxLight 650). Reactive in Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Camk1g. It may not necessarily be applicable to this product.

NCBI GI #	21450191
NCBI GeneID	215303
NCBI Accession #	NP_659066.1
UniProt Primary Accession #	Q91VB2
UniProt Related Accession #	Q91VB2
GenBank Nucleotide #	NM_144817.2
NCBI Official Full Name	calcium/calmodulin-dependent protein kinase type 1G
NCBI Official Synonym Full Names	calcium/calmodulin-dependent protein kinase I gamma
NCBI Official Symbol	Camk1g
NCBI Official Synonym Symbols	CLICK-III; CaMKIgamma
UniProt Protein Name	Calcium/calmodulin-dependent protein kinase type 1G
UniProt Synonym Protein Names	CaM kinase I gamma; CaM kinase IG; CaM-KI gamma; CaMKI gamma; CaMKIG; CaMK-like CREB kinase III; CLICK III
Protein Family	Calcium/calmodulin-dependent protein kinase
UniProt Gene Name	Camk1g
UniProt Synonym Gene Names	CaM kinase IG; CaM-KI gamma; CaMKI gamma; CaMKIG; CLICK III
UniProt Entry Name	KCC1G_MOUSE
NCBI Protein Information	calcium/calmodulin-dependent protein kinase type 1G; caMKIG; CLICK III; caMKI gamma; caM-KI gamma; caM kinase IG; caM kinase I gamma; caMK-like CREB kinase III
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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