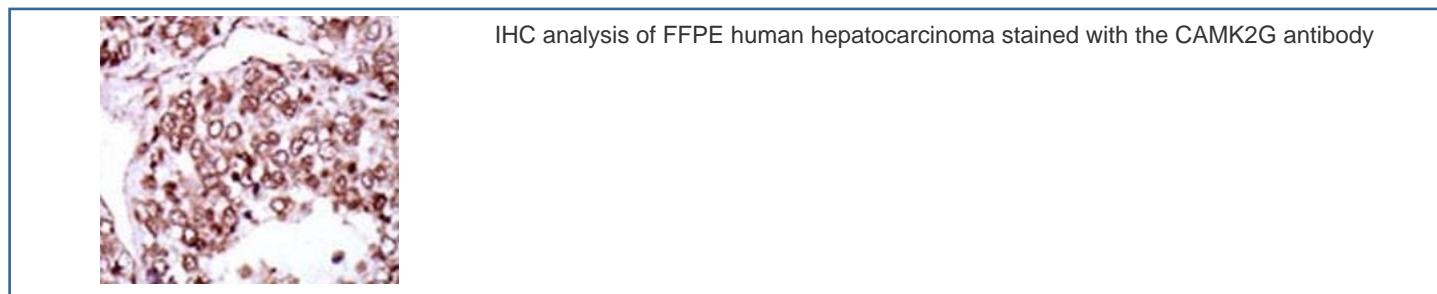
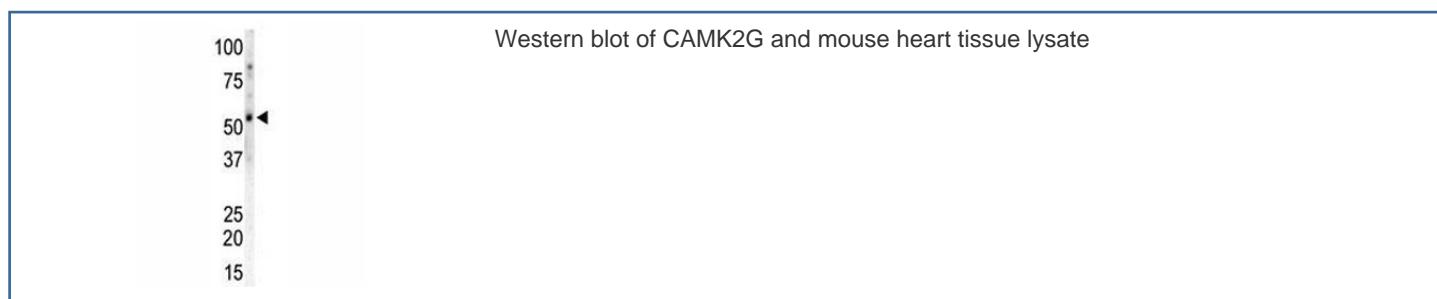


CAMK2G Antibody (F40148)

Catalog No.	Formulation	Size
F40148-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40148-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Primate, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q13555
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100
Limitations	This CAMK2G antibody is available for research use only.





Description

CaM-kinase II (CAMK2) is a prominent Ser/Thr protein kinase in the central nervous system that may function in long-term potentiation and neurotransmitter release. Likely autophosphorylation of Thr-286 allows the kinase to switch from a calmodulin-dependent to a calmodulin-independent state. CAMK2 is composed of four different chains: alpha, beta, gamma, and delta. The different isoforms assemble into homo- or heteromultimeric holoenzymes composed of 8 to 12 subunits.

Application Notes

Titration of the CAMK2G antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 309-338 from the human protein was used as the immunogen for this CAMK2G antibody.

Storage

Aliquot the CAMK2G antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.