

CAMKK2 Antibody [clone 239CT7.5.3] (F40266)

Catalog No.	Formulation	Size
F40266-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40266-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

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Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgM, k
Clone Name	239CT7.5.3
Purity	Purified
UniProt	Q96RR4
Applications	Western Blot : 1:100-1:250
Limitations	This CAMKK2 antibody is available for research use only.



CAMKK2 western blot analysis in Jurkat lysate. Predicted molecular weight 60-65 kDa.



CAMKK2 western blot analysis in mouse cerebellum tissue lysate.

Description

The product of this gene belongs to the Serine/Threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. This protein plays a role in the calcium/calmodulin-dependent (CaM) kinase cascade by phosphorylating the downstream kinases CaMK1 and CaMK4. Seven transcript variants encoding six distinct isoforms have been identified for this gene. Additional splice variants have been described but their full-length nature has not been determined. The identified isoforms exhibit a distinct ability to undergo autophosphorylation and to phosphorylate the downstream kinases.

Application Notes

Titration of the CAMKK2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This CAMKK2 monoclonal antibody was produced from a mouse immunized with CAMKK2 recombinant protein.

Storage

Aliquot the CAMKK2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.