

anti- PKC gamma antibody

Product Information

Catalog No.:	CAF50439
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Protein kinase C(PKC) is a family of serine-and threonine-specific protein kinases that can be activated by calcium and second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC gamma is a neuron-specific member of the classical PKCs and is activated and translocated to subcellular regions as a result of various stimuli, including diacylglycerol synthesis, increased intracellular Ca(2+) and phorbol esters. Defects in this protein have been associated with spinocerebellar ataxia type 14(SCA14), an autosomal dominant neurodegenerative disease.

Immunogen information

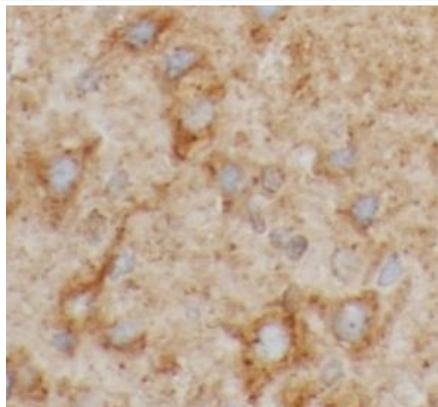
Immunogen:	protein kinase C, gamma
Synonyms:	PKC gamma, PKCC, PKCG, PRKCG, Protein kinase C gamma type, protein kinase C, gamma, SCA14
Observed MW:	78 kDa
Uniprot ID :	P63318

Application

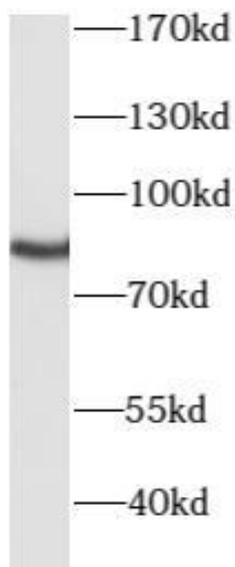
Reactivity:	Mouse, Rat
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500-1:2000; IHC: 1:100-1:500
Image:	

This Antibody is for Research Use Only. Not for Diagnostic Procedures.

This is a sample Antibody manual only. Always refer to the hard copy manual included in the Antibody for your experiment.



Immunohistochemistry of paraffin-embedded rat brain tissue slide using CAF50439(PRKCG Antibody) at dilution of 1:200



mouse brain tissue were subjected to SDS PAGE followed by western blot with CAF50439(PRKCG antibody) at dilution of 1:1000