

CAMK1G Antibody (Center K226)

Catalog_no :	AB2488
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:211-241
Specificity :	This CAMK1G antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 211-241 amino acids from the Central region of human CAMK1G.
Dilution :	WB,1:1000;WB,1:1000;IHC-P,1:10~50;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Other_name :	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, CLICK3, VWS1
Isotype :	Rabbit Ig
Background :	Ca ²⁺ /calmodulin-dependent protein kinase I (CaMKI) constitutes a family of closely related isoforms (alpha, beta and gamma). CLICK-III/CaMKIgamma is a novel membrane-anchored neuronal Ca ²⁺ /calmodulin-dependent protein kinase. AMKIgamma is abundant in neurons, particularly in the amygdala and ventromedial hypothalamus. Like the other CaMKI isoforms, full activation of CLICK-III/CaMKIgamma requires both Ca ²⁺ /CaM and phosphorylation by CaMKK.
reference :	Takemoto-Kimura, S., et al., J. Biol. Chem. 278(20):18597-18605 (2003). Schutte, B.C., et al., Genome Res. 10(1):81-94 (2000).