

Datasheet for ABIN7439684

anti-CAMKII gamma antibody (AA 6-208)

3 Images



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Overview

Quantity:	100 µL
Target:	CAMKII gamma (CAMK2G)
Binding Specificity:	AA 6-208
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAMKII gamma antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Polyclonal Antibody to Calcium/Calmodulin Dependent Protein Kinase II Gamma (CAMK2g)
Immunogen:	Recombinant Calcium/Calmodulin Dependent Protein Kinase II Gamma (CAMK2g) corresponding to Thr6~Leu208 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CAMK2g. It has been selected for its ability to recognize CAMK2g in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

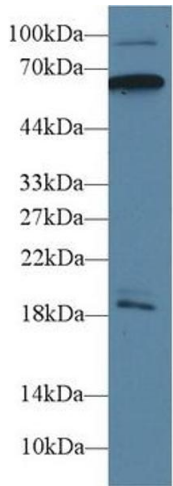
Target:	CAMKII gamma (CAMK2G)
Alternative Name:	CAMK2g (CAMK2G Products)
Background:	CAMKII, CAMK2G, CAMK, CAMK-II, CAMKG, CaM Kinase, CaM kinase II subunit gamma, CaMK-II subunit gamma
UniProt:	Q13555
Pathways:	WNT Signaling , Interferon-gamma Pathway , Hormone Transport , Myometrial Relaxation and Contraction , Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

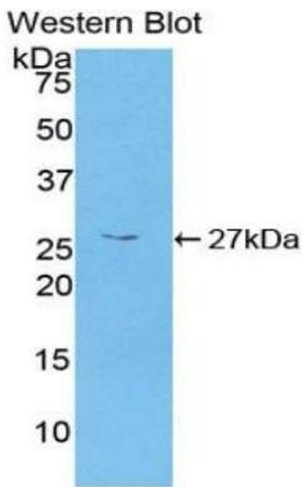
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



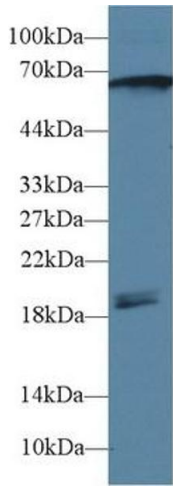
Western Blotting

Image 1. Detection of CAMK2g in Mouse Cerebrum lysate using Polyclonal Antibody to Calcium/Calmodulin Dependent Protein Kinase II Gamma (CAMK2g)



Western Blotting

Image 2. Detection of Recombinant CAMK2g, Human using Polyclonal Antibody to Calcium/Calmodulin Dependent Protein Kinase II Gamma (CAMK2g)



Western Blotting

Image 3. Detection of CAMK2g in Rat Cerebrum lysate using Polyclonal Antibody to Calcium/Calmodulin Dependent Protein Kinase II Gamma (CAMK2g)