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Datasheet for ABIN4998970

anti-CAMK1G antibody (AA 381-476) (Alexa Fluor 750)

Overview

Quantity:	100 µL
Target:	CAMK1G
Binding Specificity:	AA 381-476
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAMK1G antibody is conjugated to Alexa Fluor 750
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Camk1g
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse
Purification:	Purified by Protein A.

Target Details

Target:	CAMK1G
Alternative Name:	Camk1g (CAMK1G Products)

Target Details

Background: Synonyms: Calcium/calmodulin dependent protein kinase 1 G, Calcium/calmodulin-dependent protein kinase type 1G, CaM kinase I gamma, CaM kinase IG, CaM-KI gamma, CaMKI gamma, CAMK1G, VWS1, CaMKI-gamma, CaMKIG, CaMK-like CREB kinase III, CLICK III, KCC1G_HUMAN.

Background: CaMKI gamma is a Calcium/calmodulin-dependent protein kinase which belongs to a proposed calcium-triggered signaling cascade. In vitro it phosphorylates transcription factor CREB1. It has been proposed that CaMKI gamma is involved in dendritic outgrowth mediated by CaM-dependant protein kinase kinase.

Gene ID: 57172

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months