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Datasheet for ABIN886232

anti-CAMK1G antibody (AA 381-476) (Alexa Fluor 555)

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 555
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:	<p>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.</p> <p>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.</p>
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Gene ID:	57172
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Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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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