Datasheet for ABIN1697801

anti-Calcineurin B antibody (pTyr106) (Alexa Fluor 555)

Go to Product page

Overview

Quantity:	100 µL
Target:	Calcineurin B (CAN)
Binding Specificity:	pTyr106
Reactivity:	Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calcineurin B antibody is conjugated to Alexa Fluor 555
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated syntheticphosphopeptide derived from human Calcineurin B around the phosphorylation site of Tyr106
Isotype:	IgG
Cross-Reactivity:	Zebrafish (Danio rerio)
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit,Guinea Pig,Drosophila
Purification:	Purified by Protein A.

Target Details

Target:	Calcineurin B (CAN)

Target Details

Alternative Name:	Calcineurin B (CAN Products)
Background:	Synonyms: Calcineurin B phospho Y106, Calcineurin B phospho Tyr106, p-Calcineurin B Tyr106, Calcineurin subunit B type 1, CALNB1, CANB1_HUMAN, Cna2, CNB, CNB1, OTTHUMP00000201960, OTTHUMP00000201961, Ppp3r1, PPP3R1 protein phosphatase 3 formerly 2B, regulatory subunit B, alpha isoform, alpha isoform calcineurin B, type I, calcineurin B, type I 19 kDa, protein phosphatase3 formerly2B, regulatory subunit B, alpha isoform antibody Protein phosphatase 2B regulatory subunit 1, Protein phosphatase 2B regulatory subunit B alpha, protein phosphatase 3 formerly 2B, regulatory subunit B, 19 kDa, alpha isoform calcineurin B, type I, Protein phosphatase 3 regulatory subunit B alpha, Protein phosphatase 3 regulatory subunit B alpha isoform 1. Background: In eukaryotes, the phosphorylation and dephosphorylation of proteins on serine and threonine residues is an essential means of regulating a broad range of cellular functions including division, homeostasis and apoptosis. A group of proteins that are intimately involved in this process are the protein phosphatases. In general, the protein phosphatase (PP) holoenzyme is a trimeric complex composed of a regulatory subunit, a variable subunit and a catalytic subunit. Four major families of protein phosphatase catalytic subunit have been identified, designated PP1, PP2A, PP2B and PP2C. An additional protein phosphatase catalytic subunit, PPX (also known as PP4), is a putative member of a novel PP family. The PP2B family comprises subfamily members PP2B-A alpha, PP2B-A Beta and PP2B-A Gamma. Two additional regulatory subunits been identified, designated PP2B-B1 and PP2B-B2.
Gene ID:	5534
Pathways:	Cellular Glucan Metabolic Process, VEGF Signaling

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

Handling

	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

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