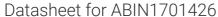
antibodies - online.com







Overview

anti-Calcineurin B antibody (pTyr106) (Biotin)



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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 Biotin
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))
Product Details	
Immunogen:	KLH conjugated syntheticphosphopeptide derived from human Calcineurin B around the phosphorylation site of Tyr106
Isotype:	IgG

Target	Details	

Cross-Reactivity:

Purification:

Predicted Reactivity:

Target: Calcineurin B (CAN)

Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Rabbit, Guinea Pig, Drosophila

Zebrafish (Danio rerio)

Purified by Protein A.

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:	IHC-P 1:200-400
	IHC-F 1:100-500
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.

Handling

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 for 12 months.
Expiry Date:	12 months