Datasheet for ABIN1408023

anti-CACNA1F antibody (AA 1001-1100) (Cy3)

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Overview

Quantity:	100 µL
Target:	CACNA1F
Binding Specificity:	AA 1001-1100
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNA1F antibody is conjugated to Cy3
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CACNA1F
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Cow,Sheep,Pig
Purification:	Purified by Protein A.

Target Details

Target:	CACNA1F
Alternative Name:	CACNA1F (CACNA1F Products)
Background:	Synonyms: CACNA 1F, CACNAF, CACNAF1, Calcium channel voltage dependent alpha 1F

Target Details

	subunit, Calcium channel voltage dependent L type alpha 1F subunit, Cav1.4, Cav1.4alpha1, COD 3, COD3, CORDX 3, CORDX, CORDX3, CSNB2A, CSNBX 2, CSNBX2, JM 8, JM8, JMC 8, JMC8, Voltage ated calcium channel subunit alpha Cav1.4, Voltage ependent L ype calcium channel subunit alpha F, CAC1F_HUMAN. Background: Voltage-dependent Ca2+ channels mediate Ca2+ entry into excitable cells in response to membrane depolarization, and they are involved in a variety of Ca2+-dependent processes, including muscle contraction, hormone or neurotransmitter release and gene expression.Ca2+ currents are characterized on the basis of their biophysical and pharmacologic properties and include L-, N-, T-, P-, Q-, and R- types. L-type Ca2+ currents initiate muscle contraction, endocrine secretion, and gene transcription, and can be regulated through second-messenger activated protein phosphorylation pathways. L-type calcium channels may form macromolecular signaling complexes with G protein-coupled receptors, thereby enhancing the selectivity of regulating specific targets.
Gene ID:	778
UniProt:	O60840

Application Details

Application Notes:	IF(IHC-P) 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