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Datasheet for ABIN7175600
anti-CACNB4 antibody (AA 1-217)

2 Images

Overview

Quantity:	100 µg
Target:	CACNB4
Binding Specificity:	AA 1-217
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNB4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Voltage-dependent L-type calcium channel subunit beta-4 protein (1-217AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CACNB4
Alternative Name:	CACNB4 (CACNB4 Products)
Background:	Background: The beta subunit of voltage-dependent calcium channels contributes to the

Target Details

function of the calcium channel by increasing peak calcium current, shifting the voltage dependencies of activation and inactivation, modulating G protein inhibition and controlling the alpha-1 subunit membrane targeting.

Aliases: CAB4 antibody, CACB4_HUMAN antibody, Cacnb4 antibody, CACNLB4 antibody, Calcium channel voltage dependent beta 4 subunit antibody, Calcium channel voltage dependent subunit beta 4 antibody, Calcium channel voltage-dependent subunit beta 4 antibody, Dihydropyridine sensitive L type calcium channel beta 4 subunit antibody, EA5 antibody, EIG9 antibody, EJM antibody, EJM4 antibody, EJM6 antibody, Voltage-dependent L-type calcium channel subunit beta-4 antibody

UniProt: [O00305](#)

Pathways: [cAMP Metabolic Process](#), [Skeletal Muscle Fiber Development](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

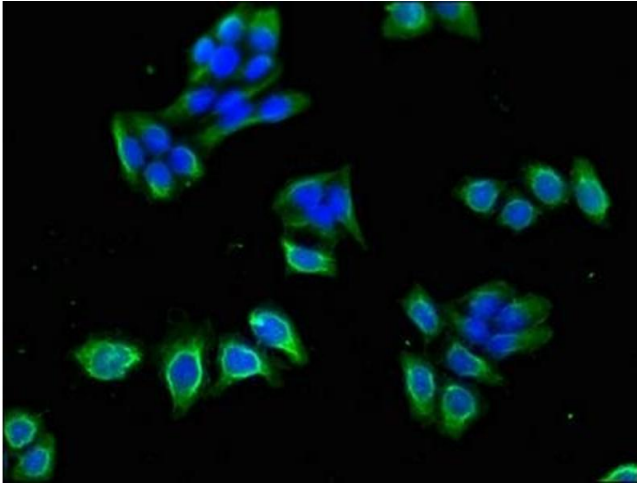
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

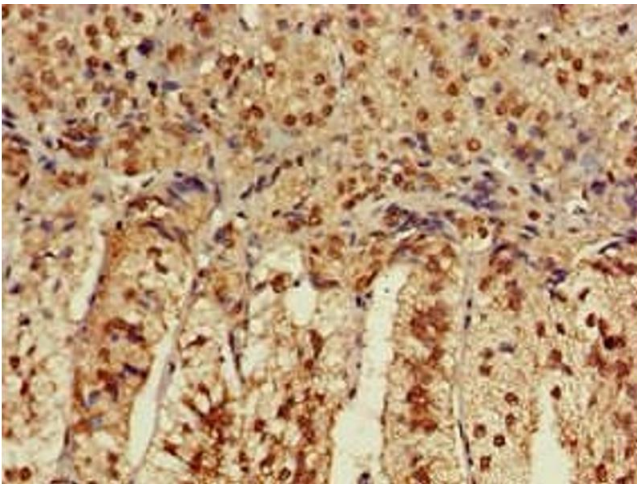
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescent analysis of PC-3 cells using ABIN7175600 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human adrenal gland tissue using ABIN7175600 at dilution of 1:100