Datasheet for ABIN7175594

anti-CACNB1 antibody (AA 429-598)

3 Images

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Overview

Quantity:	100 µL
Target:	CACNB1
Binding Specificity:	AA 429-598
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Voltage-dependent L-type calcium channel subunit beta-1 protein (429-598AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	CACNB1
Alternative Name:	CACNB1 (CACNB1 Products)
Background:	Background: The beta subunit of voltage-dependent calcium channels contributes to the

Target Details

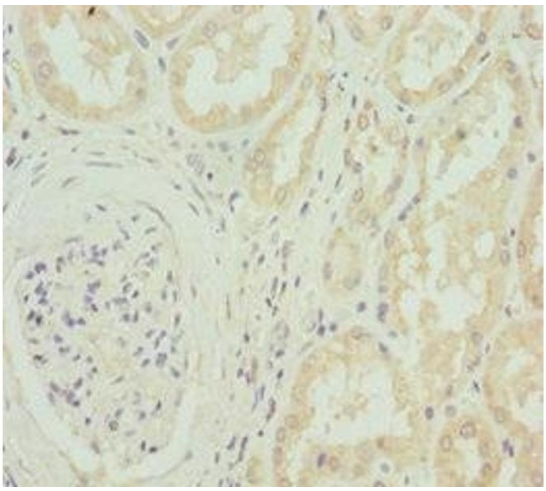
	function of the calcium channel by increasing peak calcium current, shifting the voltage dependencies of activation and inactivation, modulating G protein inhibition and controlling the alpha-1 subunit membrane targeting. Aliases: CAB1 antibody, CACB1_HUMAN antibody, CACNB1 antibody, CACNLB1 antibody, Calcium channel L type beta 1 polypeptide antibody, Calcium channel voltage dependent beta 1 subunit antibody, Calcium channel voltage-dependent subunit beta 1 antibody, CCHLB1 antibody, Dihydropyridine sensitive L type calcium channel beta 1 subunit antibody, MGC41896 antibody, Voltage dependent L type calcium channel beta 1 subunit antibody, Voltage-dependent L-type calcium channel subunit beta-1 antibody
UniProt:	Q02641

Application Details

Application Notes:	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,
Restrictions:	For Research Use only

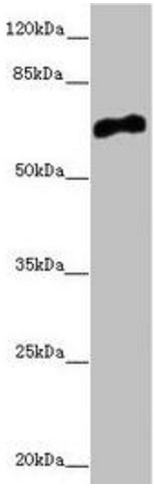
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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.



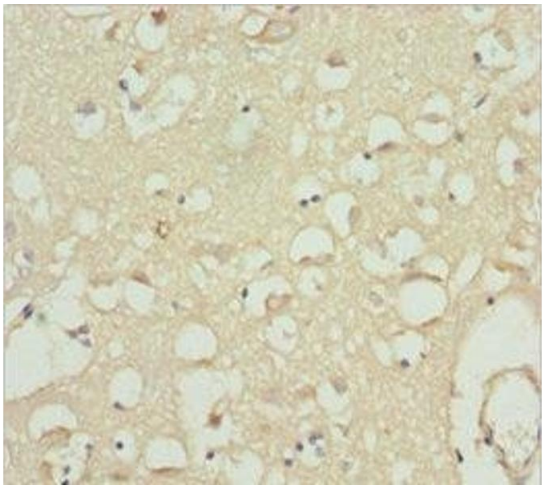
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7175594 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: CACNB1 antibody at 6.68 µg/mL + HepG2 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 66, 58, 54 kDa Observed band size: 66 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7175594 at dilution of 1:100

