

DATASHEET

CACNB1 Rabbit Polyclonal Antibody

CAT. NO. APA13126

KEY FEATURES

Target	CACNB1	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Regulatory subunit of L-type calcium channels . Regulates the activity of L-type calcium channels that contain CACNA1A as pore-forming subunit . Regulates the activity of L-type calcium channels that contain CACNA1C as pore-forming subunit and increases the presence of the channel complex at the cell membrane . Required for functional expression L-type calcium channels that contain CACNA1D as pore-forming subunit . Regulates the activity of L-type calcium channels that contain CACNA1B as pore-forming subunit .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

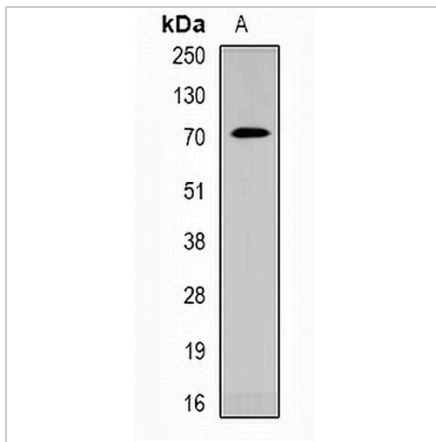
Description	Rabbit polyclonal antibody to CACNB1
Specificity	Recognizes endogenous levels of CACNB1 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CACNB1
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 53; Observed: 66 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	CACNLB1; Voltage-dependent L-type calcium channel subunit beta-1; CAB1; Calcium channel voltage-dependent subunit beta 1
Gene Symbol	CACNB1
Entrez Gene	782(Human)
SwissProt	Q02641(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of CACNB1 expression in HepG2 (A) whole cell lysates. (Predicted band size: 53; 57; 65 kD; Observed band size: 66 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.