

L-type Ca++ CP γ 1 Rabbit pAb

CatalogNo: YT2599

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 25kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

ELISA 1:5000

Not yet tested in other applications.

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from human CACNG1. AA range: 137-186

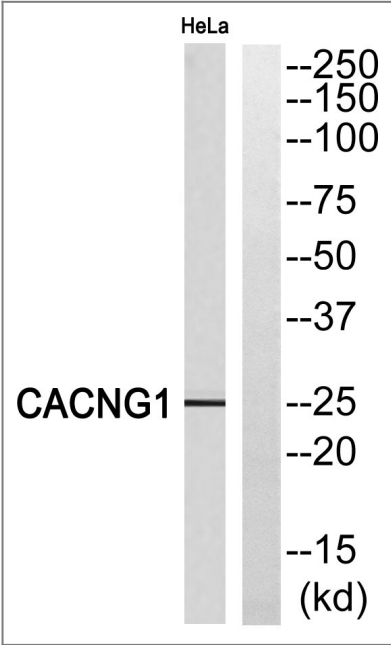
Specificity

L-type Ca++ CP γ 1 Polyclonal Antibody detects endogenous levels of L-type Ca++ CP γ 1 protein.

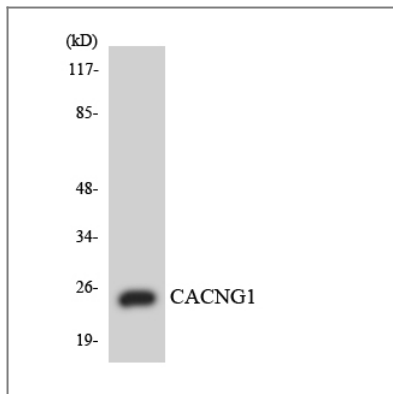
Target Information

Gene name	CACNG1		
Protein Name	Voltage-dependent calcium channel gamma-1 subunit		
	Organism	Gene ID	UniProt ID
	Human	786;	Q06432;
	Mouse	12299;	O70578;
	Rat	29658;	P97707;
Cellular Localization	Cell membrane, sarcolemma ; Multi-pass membrane protein .		
Tissue specificity	Skeletal muscle.		
Function	Function:This protein is a subunit of the dihydropyridine (DHP) sensitive calcium channel. Plays a role in excitation-contraction coupling. The skeletal muscle DHP-sensitive Ca(2+) channel may function only as a multiple subunit complex.,similarity:Belongs to the PMP-22/EMP/MP20 family. CACNG subfamily.,subunit:The L-type calcium channel is composed of five subunits: alpha-1, alpha-2/delta, beta and gamma.,tissue specificity:Skeletal muscle.,		

| Validation Data



Western blot analysis of CACNG1 Antibody. The lane on the right is blocked with the CACNG1 peptide.



Western blot analysis of the lysates from COLO205 cells using CACNG1 antibody.

Contact information

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Please scan the QR code to access additional product information:
L-type Ca++ CP γ1
Rabbit pAb

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[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)