

Product datasheet for **TA344183**

CACNG1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-Cacng1 antibody: synthetic peptide corresponding to a region of Mouse. Synthetic peptide located within the following region: AVHNKDKSCEHVTPSGEKNCSYFRHFNPGESEIFEFTTQKEYSISAAA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	25 kDa
Gene Name:	calcium voltage-gated channel auxiliary subunit gamma 1
Database Link:	NP_000718 Entrez Gene 12299 Mouse Q06432
Background:	This protein is a subunit of the dihydropyridine (DHP) sensitive calcium channel. Cacng1 plays a role in excitation-contraction coupling. The skeletal muscle DHP-sensitive Ca ²⁺ channel may function only as a multiple subunit complex.
Synonyms:	CACNLG
Note:	Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Guinea pig: 100%; Dog: 93%; Horse: 93%; Bovine: 93%

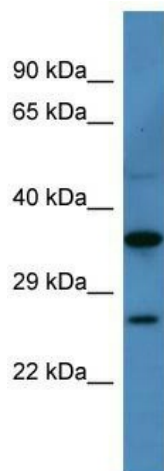


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Protein Families: Druggable Genome, Ion Channels: Other, Transmembrane

Protein Pathways: Arrhythmogenic right ventricular cardiomyopathy (ARVC), Cardiac muscle contraction, Dilated cardiomyopathy, Hypertrophic cardiomyopathy (HCM), MAPK signaling pathway

Product images:



WB Suggested Anti-Cacng1 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:312500; Positive
Control: Mouse Intestine