

Product datasheet for **TA338368**

CACNB3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CACNB3 antibody: synthetic peptide directed towards the n terminal of human CACNB3. Synthetic peptide located within the following region: MYDDSYVPGFEDSEAGSADSYSRPSLSDVSLEEDRESARREVESQAQQ
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:	49 kDa
Gene Name:	calcium voltage-gated channel auxiliary subunit beta 3
Database Link:	NP_000716 Entrez Gene 784 Human P54284
Background:	This gene encodes a regulatory beta subunit of the voltage-dependent calcium channel. Beta subunits are composed of five domains, which contribute to the regulation of surface expression and gating of calcium channels and may also play a role in the regulation of transcription factors and calcium transport. [provided by RefSeq, Oct 2011]
Synonyms:	CAB3; CACNLB3



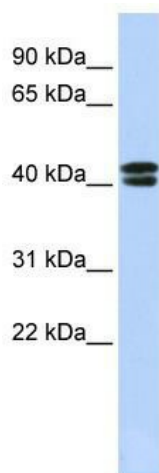
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Note: Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%; Dog: 92%

Protein Families: Druggable Genome, Ion Channels: Other

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

Product images:



WB Suggested Anti-CACNB3 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: Jurkat cell lysate CACNB3 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells