

Product datasheet for **TA338798**

CACNB1 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-CACNB1 antibody: synthetic peptide directed towards the middle region of human CACNB1. Synthetic peptide located within the following region: KVLQRLIKSRGKSQSKHLNVQIAASEKLAQCPEMFDIILDENQLEDACE
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>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	58 kDa
Gene Name:	calcium voltage-gated channel auxiliary subunit beta 1
Database Link:	NP_954855 Entrez Gene 782 Human Q02641



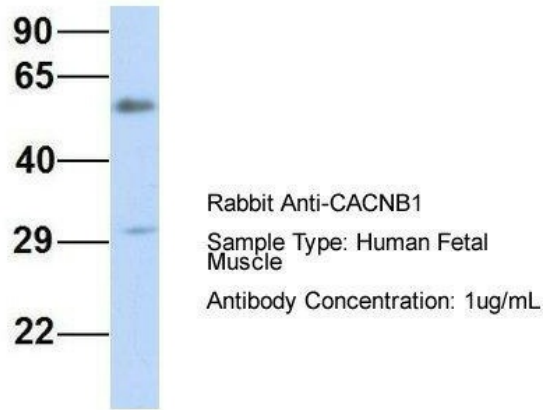
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Background:	The protein encoded by this gene belongs to the calcium channel beta subunit family. It plays an important role in the calcium channel by modulating G protein inhibition, increasing peak calcium current, controlling the alpha-1 subunit membrane targeting and shifting the voltage dependence of activation and inactivation. Alternative splicing occurs at this locus and three transcript variants encoding three distinct isoforms have been identified. [provided by RefSeq, Jul 2008]
Synonyms:	CAB1; CACNLB1; CCHLB1
Note:	Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%
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:

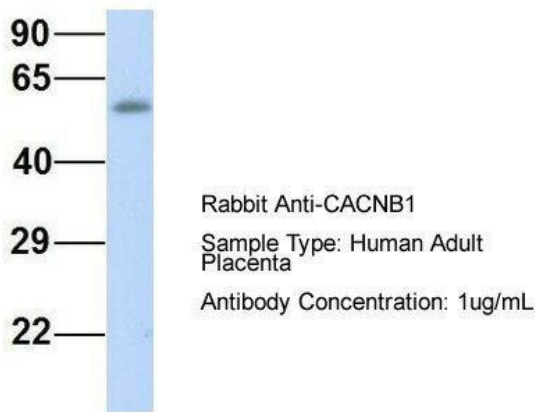
WB Suggested Anti-CACNB1 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control:
COLO205 cell lysate

CACNB1



Host: Rabbit; Target Name: CACNB1; Sample Tissue: Human Fetal Muscle; Antibody Dilution: 1.0 µg/ml

CACNB1



Host: Rabbit; Target Name: CACNB1; Sample Tissue: Human Adult Placenta; Antibody Dilution: 1.0 µg/ml