

Product datasheet for **TA330294**

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 is: synthetic peptide directed towards the C-terminal region of Human CACNB3. Synthetic peptide located within the following region: QDLYQPHRQHTSGLPSANGHDPQDRLLAQDSEHNHSDRNWQRNRPWPKDS |
| 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> |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 51 kDa |
| Gene Name: | calcium voltage-gated channel auxiliary subunit beta 3 |
| Database Link: | NP_001193846 Entrez Gene 784 Human P54284 |
| Background: | The beta subunit of voltage-dependent calcium channels contributes to the function of the calcium channel by increasing peak calcium current, shifting the voltage dependencies of activation and inactivation, modulating G protein inhibition and controlling the alpha-1 subunit membrane targeting. |
| Synonyms: | CAB3; CACNLB3 |
| Note: | Immunogen sequence homology: Human: 100%; Dog: 93%; Pig: 93%; Rat: 93%; Horse: 93%; Rabbit: 93%; Guinea pig: 93%; Mouse: 86%; Bovine: 86% |

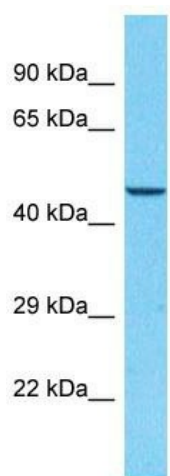


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Protein Families: Druggable Genome, Ion Channels: Other

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

Product images:



Host: Rabbit
Target Name: CACNB3
Sample Tissue: Hela Cell Lysate
Antibody Dilution: 1.0 μ g/ml

Host: Rabbit; Target Name: CACNB3; Sample Tissue: Hela Whole Cell lysates; Antibody Dilution: 1.0 μ g/ml