

## CACNB1

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**66kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human CACNB1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

g

**Synonym:**

CAB1; CCHLB1; CACNLB1;

**Catalog #:**A7649

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**782

**Isotype:**IgG

**Swiss Prot:**Q02641

**Purity:**Affinity purification

For research use only.

**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.

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