

## CACNB1

**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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