

## CACNB1 RABBIT PAB

**Cat.#:** S217226

**Product Name:** Anti-CACNB1 Rabbit Polyclonal Antibody

**Synonyms:** CABI; CCHLB1; CACNLB1

**UNIPROT ID:** Q02641 (Gene Accession - BC037311)

**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]

**Immunogen:** Fusion protein of human CACNB1

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 50-200; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

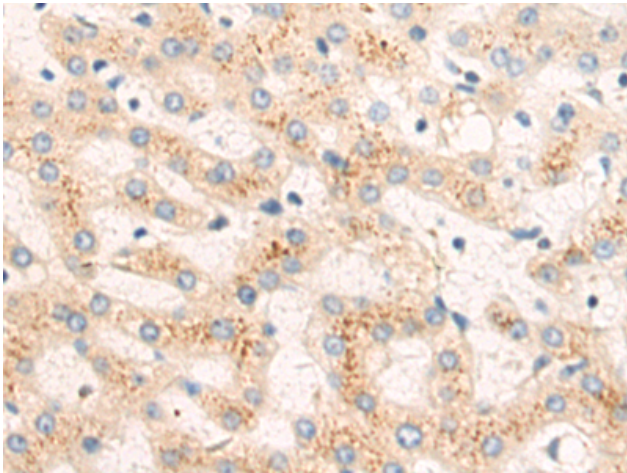
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

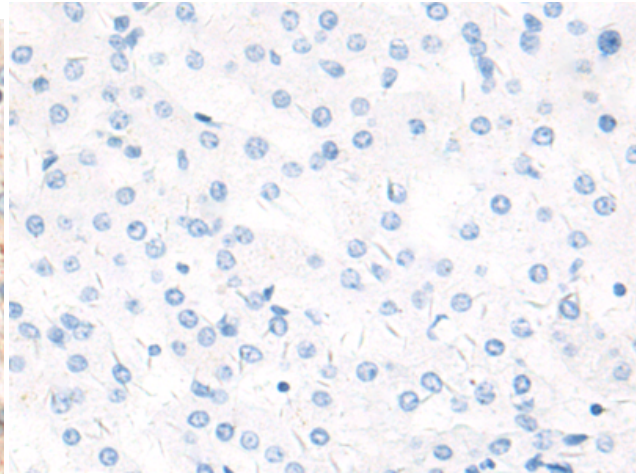
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction, Cancer

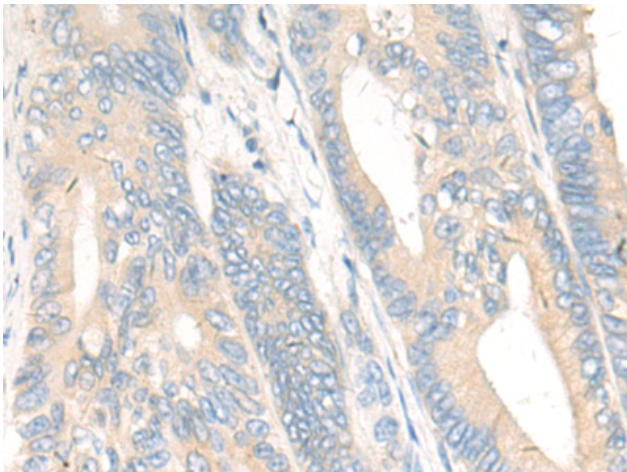
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



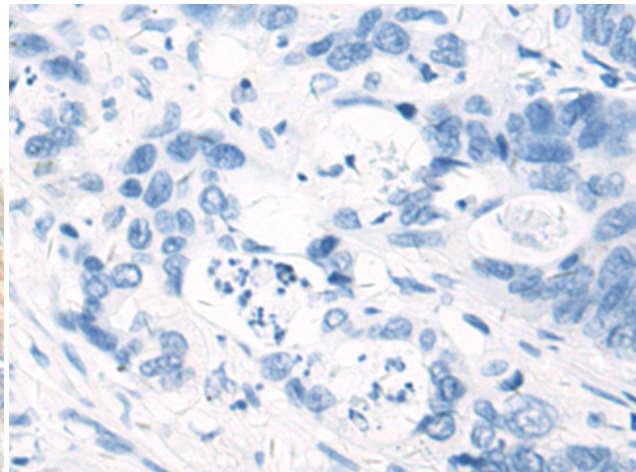
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 217226(CACNB1 Antibody) at a dilution of 1/55(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 217226(Anti-CACNB1 Antibody) at dilution 1/55.



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 217226(Anti-CACNB1 Antibody) at a dilution of 1/55.



In comparison with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with fusion protein and then with D222010(Anti-CACNB1 Antibody) at dilution 1/55.