

CNGB1 polyclonal antibody

Catalog: BZ16433

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Subunit of cyclic nucleotide-gated (CNG) channels, non-selective cation channels, which play important roles in both visual and olfactory signal transduction. When associated with CNGA1, it is involved in the regulation of ion flow into the rod photoreceptor outer segment (ROS), in response to light-induced alteration of the levels of intracellular cGMP. Isoform GARP2 is a high affinity rod photoreceptor phosphodiesterase (PDE6)-binding protein that modulates its catalytic properties: it is a regulator of spontaneous activation of rod PDE6, thereby serving to lower rod photoreceptor 'dark noise' and allowing these sensory cells to operate at the single photon detection limit.

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Molecular Weight:

Calculated MW: 140 kDa; Observed MW: 102 kDa

Swiss-Prot:

Q14028

Purification&Purity:

Affinity Purified

Applications:

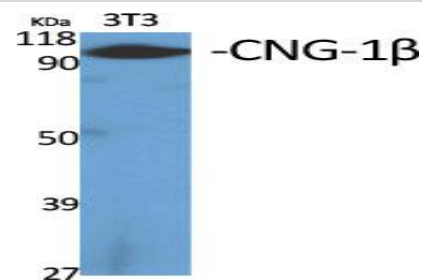
WB: 1/500-1/1000 ELISA: 1/10000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Western blot analysis of CNGB1 in various lysates using CNGB1 antibody.

Western blot analysis of CNGB1 in 3T3 lysates using CNGB1β antibody.

Western blot analysis of CNGB1 in NIH/3T3 and A549 lysates using CNGB1 antibody. The lane on the right is blocked with the synthesized peptide.

Note:

For research use only, not for use in diagnostic procedure.

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