

## CNGB1 RABBIT PAB

货号: N225440

产品全名: CNGB1 兔多抗

基因符号 CNG4; GARI; GARP; RP45; CNCG2; CNCG4; GARP2; RCNC2; RCNCb; CNCG3L; CNGB1B; RCNCbeta

**UNIPROT ID:** Q14028

**背景:** Subunit of cyclic nucleotide-gated (CNG) channels, nonselective 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.

**抗原:** The antiserum was produced against synthesized peptide derived from human CNGB1. AA range:571-620

**经过测试的应用:** WB,ELISA

**推荐稀释比:** WB: 1/500-1/1000 ELISA: 1/10000

**种属反应性:** Rabbit

**克隆性:** Rabbit Polyclonal

**分子量:** Calculated MW: 140 kDa; Observed MW: 102 kDa

**亚型:** IgG

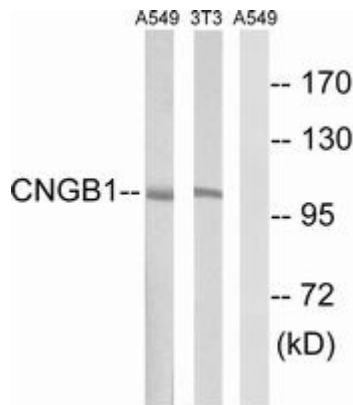
**纯化:** Affinity Chromatography

**种属反应性:** Human, Mouse and Rat

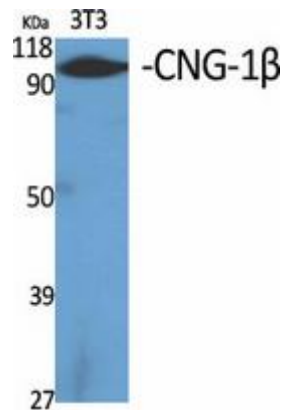
**成分:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**研究领域:** Signal Transduction

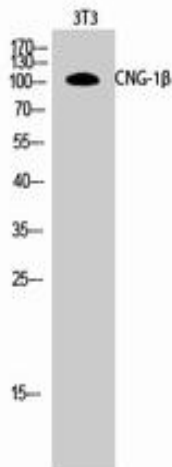
**储存和运输:** Store at -20°C. Avoid repeated freezing and thawing



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.



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



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