

Product datasheet for **TA328964**

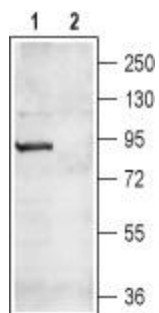
Cnga4 Rabbit Polyclonal Antibody

Product data:

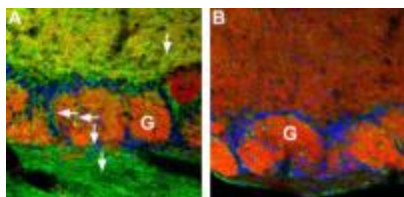
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:200-1:2000; IHC: 1:100-1:3000
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide (C) SQDGKVKTTTESTPPAPTK, corresponding to amino acid residues 2-19 of rat CNGA4 . Intracellular, N-terminus.
Formulation:	Lyophilized. Concentration before lyophilization ~0.8mg/ml (lot dependent, please refer to CoA along with shipment for actual concentration). Buffer before lyophilization: Phosphate buffered saline (PBS), pH 7.4, 1% BSA, 0.05% NaN3.
Reconstitution Method:	Add 50 ul double distilled water (DDW) to the lyophilized powder.
Purification:	Affinity purified on immobilized antigen.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	cyclic nucleotide gated channel alpha 4
Database Link:	NP_445948 Entrez Gene 233649 Mouse Entrez Gene 85258 Rat Q64359
Background:	Cyclic Nucleotide-Gated (CNG) channels belong to the superfamily of voltage-gated ion channels. Although permeable to various ions such as the monovalent Na ⁺ and K ⁺ ions, and the divalent Ca ³⁺ ion, they are gated by the intracellular binding of the cyclic
Synonyms:	CNCA2; CNG-4; CNG4; CNG5; CNGB2; MGC126168; MGC126169; OCNC2; OCNCb; OCNCBETA



[View online »](#)

Product images:

Western blot analysis of rat brain lysate: 1. Anti-CNGA4 antibody, (1:200). 2. Anti-CNGA4 antibody, preincubated with the control peptide antigen.



Expression of CNGA4 in mouse olfactory bulb. Immunohistochemical staining of CNGA4 channel in mouse olfactory bulb using Anti-CNGA4 antibody. A. CNGA4 staining (green) appears in glomeruli (horizontal arrows) and outside the glomeruli (vertical arrows). To define the location of glomeruli (G), the same section was stained with mouse anti-synaptophysin (red) and the nissl stain DAPI (blue). B. Pre-incubation of Anti-CNGA4 with the peptide antigen blocks the staining in the olfactory bulb.