

Nur für Forschungszwecke

# CNGA2 Polyklonaler Antikörper

Katalog-Nr.:23823-1-AP



## Allgemeine Informationen

|  |  |  |
|--|--|--|
| <b>Katalog-Nr.:</b><br>23823-1-AP  | <b>GenBank-Zugangsnummer:</b><br>BC126302                                | <b>Reinigungsmethode:</b><br>Antigen-affinitätsgereinigt |
| <b>Größe:</b><br>150ul , Konzentration: 253 µg/ml<br>durch die Bradford-Methode mit BSA<br>als Standard; | <b>GeneID (NCBI):</b><br>1260  |  |
| <b>Wirt:</b><br>Kaninchen  | <b>Vollständiger Name:</b><br>cyclic nucleotide gated channel alpha<br>2 |  |
| <b>Isotyp:</b><br>IgG  | <b>Berechnete Masse:</b><br>664 aa, 76 kDa                               |  |
| <b>Immunogen Katalognummer:</b><br>AG19899   |  |  |

## Anwendungen

**Geprüfte Anwendungen:**  
ELISA

**Getestete Reaktivität:**  
Human

## Hintergrundinformationen

Cyclic nucleotide-gated (CNG) channels are crucial for visual and olfactory transductions (PMID: 12432397). Native CNG channels are heterotetramers composed of homologous A and B subunits. The olfactory CNG channels are composed of two CNGA2 subunits, one CNGA4 and one CNGB1b subunit, each containing a cyclic nucleotide-binding domain (PMID: 22786723). CNGA2, also named as CNCA, CNCA1 and CNCG2, is the primary subunit of the olfactory CNG channel. Odorant signal transduction is probably mediated by a G-protein coupled cascade using cAMP as second messenger. Activation of olfactory channel by cyclic nucleotides leads to a depolarization of olfactory sensory neurons.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com  
W: ptglab.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

