

# CNGA1-Specific Polyclonal antibody

Catalog Number: 19682-1-AP

## Basic Information

**Catalog Number:**

19682-1-AP

**Size:**

130 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_000087

**GeneID (NCBI):**

1259

**UNIPROT ID:**

P29973

**Full Name:**

cyclic nucleotide gated channel alpha  
1

**Calculated MW:**

80 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

ELISA

**Species Specificity:**

human

## Background Information

CNGA1, also named as Cncg, Cncg1 and CNG1, belongs to the cyclic nucleotide-gated cation channel (TC 1.A.1.5) family. Visual signal transduction is mediated by a G-protein coupled cascade using cGMP as second messenger. CNGA1 can be activated by cyclic GMP which leads to an opening of the cation channel and thereby causing a depolarization of rod photoreceptors. This antibody is specific to CNGA1.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

