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Datasheet for ABIN7147513  
**anti-CNGA1 antibody (AA 586-690) (HRP)**

## Overview

Quantity:	100 µg
Target:	CNGA1
Binding Specificity:	AA 586-690
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNGA1 antibody is conjugated to HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human cGMP-gated cation channel alpha-1 protein (586-690AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	CNGA1
Alternative Name:	CNGA1 ( <a href="#">CNGA1 Products</a> )
Background:	Background: Visual signal transduction is mediated by a G-protein coupled cascade using cGMP as second messenger. This protein can be activated by cyclic GMP which leads to an

## Target Details

opening of the cation channel and thereby causing a depolarization of rod photoreceptors.  
Aliases: cGMP gated cation channel alpha 1 antibody, cGMP-gated cation channel alpha-1 antibody, CNCG antibody, CNCG1 antibody, CNG 1 antibody, CNG channel alpha 1 antibody, CNG channel alpha-1 antibody, CNG-1 antibody, CNG1 antibody, Cnga1 antibody, CNGA1\_HUMAN antibody, Cyclic nucleotide gated cation channel 1 antibody, Cyclic nucleotide gated channel alpha 1 antibody, Cyclic nucleotide gated channel photoreceptor antibody, Cyclic nucleotide-gated cation channel 1 antibody, Cyclic nucleotide-gated channel alpha-1 antibody, Cyclic nucleotide-gated channel antibody, Interleukin 1 homologue antibody, OTTHUMP00000218675 antibody, OTTHUMP00000223313 antibody, OTTHUMP00000223314 antibody, photoreceptor antibody, RCNC1 antibody, RCNCa antibody, RCNCalpha antibody, Rod photoreceptor cGMP gated channel subunit alpha antibody, Rod photoreceptor cGMP-gated channel subunit alpha antibody, RP49 antibody

UniProt: [P29973](#)

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [Phototransduction](#), [Asymmetric Protein Localization](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.