

Datasheet for ABIN7043089

anti-CNGA1 antibody (Intracellular, N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µL
Target:	CNGA1
Binding Specificity:	AA 41-54, Intracellular, N-Term
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)NDNGSLSEESINED, corresponding to amino acid residues 41-54 of rat CNGA1
Isotype:	IgG
Characteristics:	Anti-CNGA1 Antibody (ABIN7043089 and ABIN7044984)) is a highly specific antibody directed against an epitope of the rat protein. The antibody can be used in western blot analysis. It has been designed to recognize CNGA1 from human, rat, and mouse samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

Target:	CNGA1
Alternative Name:	CNGA1 (CNGA1 Products)

Target Details

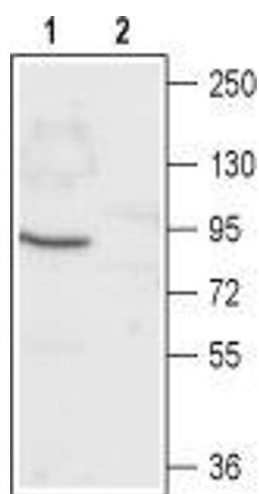
Background:	Alternative names: CNGA1, Cyclic nucleotide-gated cation channel 1, CNG channel alpha-1, CNG1, CNCG1, Rod photoreceptor cGMP-gated channel subunit alpha, RCNC1, RP49
Gene ID:	85259
NCBI Accession:	NM_000087
UniProt:	Q62927
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling , Phototransduction , Asymmetric Protein Localization

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



Western Blotting

Image 1. Western blot analysis of rat eye lysate: - 1. Anti-CNGA1 Antibody (ABIN7043089 and ABIN7044984), (1:200).2. Anti-CNGA1 Antibody, preincubated with CNGA1 Blocking Peptide (#BLP-PC071).