

Datasheet for ABIN951585  
**anti-CNGB3 antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	0.4 mL
Target:	CNGB3
Binding Specificity:	AA 33-63, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNGB3 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 33-63 amino acids from the N-terminal region of human CNGB3
Isotype:	Ig Fraction
Specificity:	This antibody reacts to CNGB3.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

## Target Details

Target:	CNGB3
Alternative Name:	CNGB3 ( <a href="#">CNGB3 Products</a> )

## Target Details

**Background:** This gene encodes the beta subunit of a cyclic nucleotide-gated ion channel. The encoded beta subunit appears to play a role in modulation of channel function in cone photoreceptors. This heterotetrameric channel is necessary for sensory transduction, and mutations in this gene have been associated with achromatopsia 3, progressive cone dystrophy, and juvenile macular degeneration, also known as Stargardt Disease. Synonyms: CNG channel beta-3, Cone photoreceptor cGMP-gated channel subunit beta, Cyclic nucleotide-gated cation channel beta-3, Cyclic nucleotide-gated cation channel modulatory subunit, Cyclic nucleotide-gated channel beta-3

**Molecular Weight:** 92167 Da

**Gene ID:** 54714

**NCBI Accession:** [NP\\_061971](#)

## Application Details

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

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 0.25 mg/mL

**Buffer:** PBS, 0.09 % (W/V) sodium azide

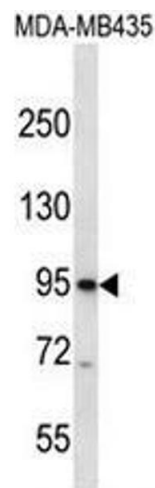
**Preservative:** Sodium azide

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

**Handling Advice:** Avoid repeated freezing and thawing.

**Storage:** 4 °C/-20 °C

**Storage Comment:** Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

**Image 1.** CNGB3 Antibody (N-term) western blot analysis in MDA-MB435 cell line lysates (35µg/lane). This demonstrates the CNGB3 antibody detected the CNGB3 protein (arrow).