

Anti-CNGA3 Antibody (aa1-165)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18626**Specification**

Anti-CNGA3 Antibody (aa1-165) - Product Information

Application	WB, IHC-P
Primary Accession	Q16281
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	78838

Anti-CNGA3 Antibody (aa1-165) - Additional Information**Gene ID 1261**Alias Symbol **CNGA3****Other Names**

CNGA3, CCNCa, CCNCalpha, CCNC1, CNG channel alpha-3, CNG3, ACHM2, Achromatopsia 2, MCNG3, CNCG3, CNG-3

Target/Specificity

Human CNGA3

Reconstitution & Storage

Affinity purified

Precautions

Anti-CNGA3 Antibody (aa1-165) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-CNGA3 Antibody (aa1-165) - Protein Information**Name** CNGA3**Synonyms** CNCG3**Function**

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 opening of the cation channel and thereby causing a depolarization of cone photoreceptors. Induced a flickering channel gating, weakened the outward rectification in the presence of extracellular calcium, increased sensitivity for L-cis diltiazem and enhanced the cAMP efficacy of the channel when coexpressed with CNGB3 (By similarity). Essential for the generation of light-evoked electrical responses in the red-, green- and blue sensitive cones.

Cellular Location

Membrane; Multi-pass membrane protein.

Tissue Location

Prominently expressed in retina.

Anti-CNGA3 Antibody (aa1-165) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CNGA3 Antibody (aa1-165) - Images