

## Anti-CNG3

(Cyclic nucleotide gated channel, ROD photoreceptor, alpha subunit)

### Polyclonal Antibody

Cat. #: 60B582

#### Description:

Visual signal transduction is mediated by a G-protein coupled cascade using cGMP as second messenger. CNG3 (Cyclic nucleotide gated channel, ROD photoreceptor, alpha subunit) can be activated by cGMP which leads to an opening of the cation channel and thereby causing a depolarization of rod photoreceptors. The protein belongs to the cyclic nucleotide-gated cation channel (TC 1.A.1.5) family and contains 1 cyclic nucleotide-binding domain.

Species: Chicken

Storage and Stability: at -20oC

#### Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to residues 395-413 of chicken CNG3 (Cyclic nucleotide gated channel, ROD photoreceptor, alpha subunit)

#### References

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Zhong,H., et al, Nature 420 (6912), 193-198 (2002)  
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