



[Go to Product page](#)

Datasheet for ABIN6391408  
**anti-CNGB3 antibody (AA 175-186)**

1 Image

Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 100 µg                               |
| Target:              | CNGB3                                |
| Binding Specificity: | AA 175-186                           |
| Reactivity:          | Human                                |
| Host:                | Goat                                 |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This CNGB3 antibody is un-conjugated |
| Application:         | ELISA, Immunohistochemistry (IHC)    |

Product Details

|                   |   |
|-------------------|---|
| Purpose:          | CNGB3 (aa175-186)   |
| Sequence:         | ESDDKPTEHY YR   |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human   |
| Purification:     | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Grade:            | Verified  |

Target Details

|         |       |
|---------|-------|
| Target: | CNGB3 |
|---------|-------|

## Target Details

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|                   |   |
|-------------------|---|
| Alternative Name: | CNGB3 ( <a href="#">CNGB3 Products</a> )  |
| Background:       | CNGB3, cyclic nucleotide gated channel beta 3, ACHM1, CNG channel beta-3, cone photoreceptor cGMP-gated cation channel beta-subunit, cyclic nucleotide-gated cation channel beta-3, cyclic nucleotide-gated cation channel modulatory subunit |
| Gene ID:          | 54714   |
| NCBI Accession:   | <a href="#">NP_061971</a>   |

## Application Details

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|                    |   |
|--------------------|---|
| Application Notes: | Immunohistochemistry: In paraffin embedded Human Retina shows primarily staining of the pigmented epithelial cells. Recommended concentration: 2-4 µg/mL.<br>Peptide ELISA: antibody detection limit dilution 1:8000. |
| Restrictions:      | For Research Use only   |

## Handling

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|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 0.5 mg/mL  |
| Buffer:            | Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.   |
| 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:   | Minimize freezing and thawing.   |
| Storage:           | -20 °C   |
| Storage Comment:   | Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable. |



### Immunohistochemistry

**Image 1.** ABIN6391408 (2µg/ml) staining of paraffin embedded Human Retina. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.