



## International Office

### Everest Biotech Ltd

Vector Laboratories, Inc.  
6737 Mowry Ave  
Newark, CA 94560  
United States

Customer Service:

[customerservice@vectorlabs.com](mailto:customerservice@vectorlabs.com)

Technical Service:

[technical@vectorlabs.com](mailto:technical@vectorlabs.com)

Tel: +1 (800) 227-6666

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB12707 - Goat Anti-CNGB3 (aa175-186) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** 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

**Official Symbol:** CNGB3

**Accession Number(s):** NP\_061971.3

**Human GeneID(s):** [54714](#)

### Immunogen

Peptide with sequence C-ESDDKPTEHYR, from the internal region of the protein sequence according to NP\_061971.3.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

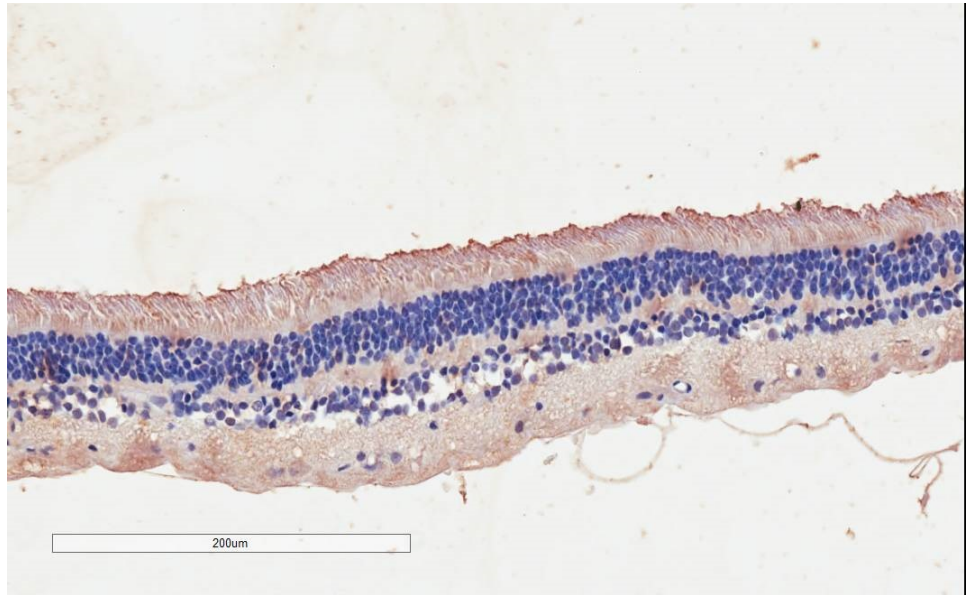
**Peptide ELISA:** antibody detection limit dilution 1:8000.

**IHC:** In paraffin embedded Human Retina shows primarily staining of the pigmented epithelial cells. Recommended concentration: 2-4µg/ml.

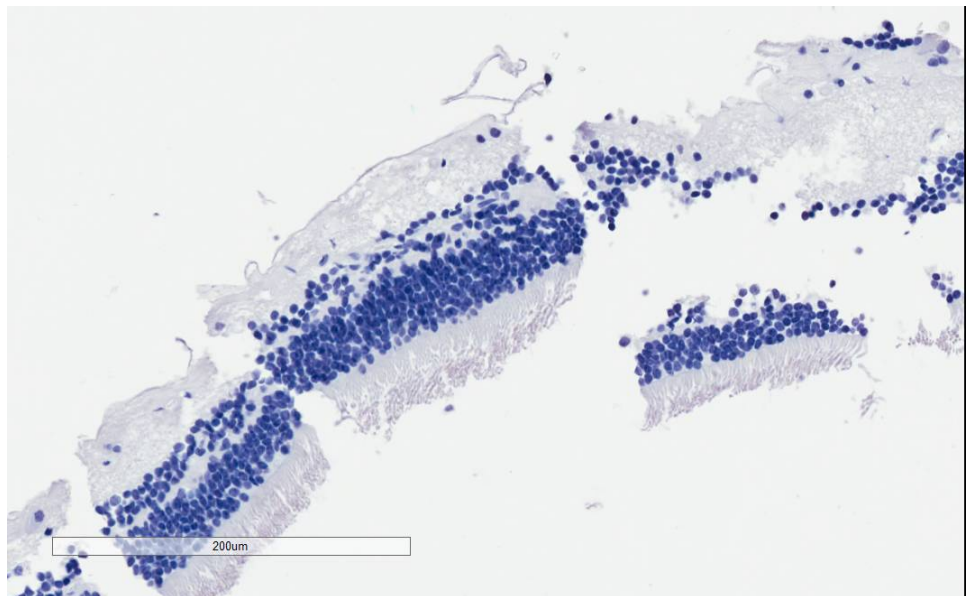
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB12707 (2µg/ml) staining of paraffin embedded Human Retina. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.



EB12707 Negative Control showing staining of paraffin embedded Human Retina, with no primary antibody.