

#### **International Office**

#### **Everest Biotech Ltd**

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

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

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

Official Symbol: CNGB3

Accession Number(s): NP\_061971.3

Human GeneID(s): 54714

## **Immunogen**

subunit

Peptide with sequence C-ESDDKPTEHYYR, 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**

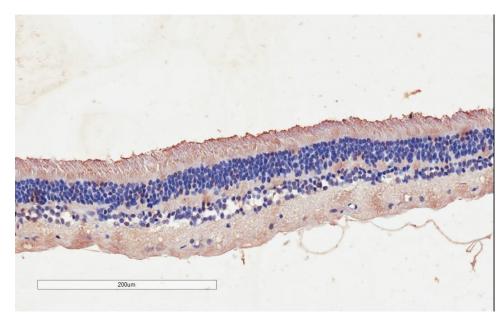
Peptide ELISA: antibody detection limit dilution 1:8000.

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

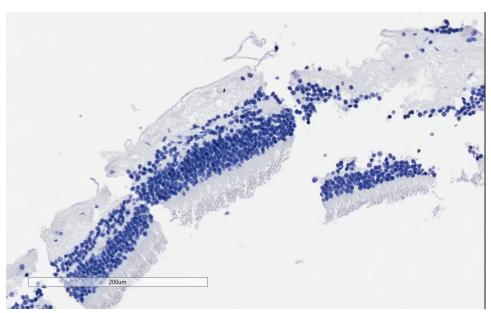
## **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human



 $\label{eq:energy} EB12707~(2\mu g/ml)~staining~of~paraffin~embedded~Human~Retina.~Microwaved~antigen~retrieval~with~citrate~buffer~pH~6,~HRP-staining.$ 



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