

#### **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.

# EB07187 - Goat Anti-GNB3 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** GNB3, guanine nucleotide binding protein (G protein), beta polypeptide 3, G protein, beta-3 subunit, GTP-binding regulatory protein beta-3 chain, guanine nucleotide-binding protein G(I)/G(S)/G(T) beta subunit 3, guanine nucleotide-binding protein, beta-3 subunit, hypertension associated protein, transducin beta chain 3

Official Symbol: GNB3

Accession Number(s): NP\_002066.1

Human GeneID(s): 2784

Important Comments: No cross-reactivity expected with GNB1, 2 and 4

# Immunogen

Peptide with sequence DCMSLAVSPDFN, from the internal region of the protein sequence according to NP\_002066.1.

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 1:1000.

Western blot: Approx 36kDa band observed in Human Brain (Frontal Cortext) lysates (calculated MW of 37.2kDa according to NP\_002066.1). Recommended concentration: 1-3μg/ml.

### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB07187 (1.0 $\mu$ g/ml) staining of Human Brain (Frontal Cortex) lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.