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