

Goat anti-GNB3 Antibody

Item Number	dAP-0838
Target Molecule	Principle Name: GNB3; Official Symbol: GNB3; All Names and Symbols: 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 ; Accession Number (s): NP_002066.1; Human Gene ID(s): 2784; Non-Human GenID(s):
Immunogen	DCMSLAVSPDFN, is from internal region No cross-reactivity expected with GNB1, 2 and 4
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 1000.
Western Blot	Western Blot: Approx 36kDa band observed in Human Brain (Frontal Cortex) lysates (calculated MW of 37.2kDa according to NP_002066.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Danoviz ME, Pereira AC, Mill JG, Krieger JE. Hypertension, obesity and gnb3 gene variants. Clin Exp Pharmacol Physiol. 2006 Mar;33(3):248-52. PMID: 16487269 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**