

Datasheet for ABIN185602
anti-GNB3 antibody (Internal Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	GNB3
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GNB3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	GNB3
Immunogen:	Peptide with sequence DCMSLAVSPDFN, from the internal region of the protein sequence according to NP_002066.1.
Sequence:	DCMSLAVSPD FN
Isotype:	IgG
Specificity:	No cross-reactivity expected with GNB1, 2 and 4
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

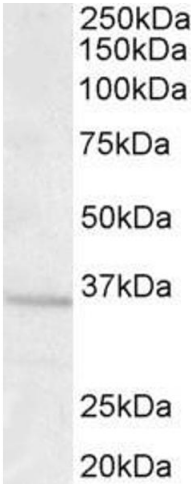
Target:	GNB3
Alternative Name:	GNB3 (GNB3 Products)
Background:	GNB3, guanine nucleotide binding protein (G protein), beta polypeptide 3, G protein, beta-3 subunit, GTP-binding regulatory protein beta-3 chain, guanine nucleotide-binding protein G(I)/G(S)/G(T) beta subunit 3, guanine nucleotide-binding protein, beta-3
Gene ID:	2784
NCBI Accession:	NP_002066
Pathways:	Peptide Hormone Metabolism , Myometrial Relaxation and Contraction

Application Details

Application Notes:	Western Blot: Approx 36 kDa band observed in Human Brain (Frontal Cortex) lysates (calculated MW of 37.2 kDa according to NP_002066.1). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:1000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN185602 (1.0µg/ml) staining of Human Brain (Frontal Cortex) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.