

Datasheet for ABIN5608776

**anti-GNB3 antibody (Internal Region) (Biotin)**[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 conjugated to Biotin
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	GNB3 & GNB4, Biotinylated
Sequence:	SGHDNRVSCL GVT.
Isotype:	IgG
Specificity:	This antibody is expected to recognize GNB3 & GNB4 (GeneID: 2784, 59345, ProteinID: NP_002066.1, NP_067642.1).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

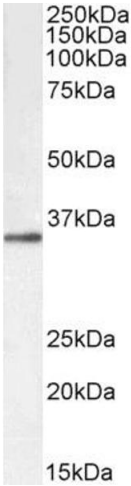
Target:	GNB3
Alternative Name:	GNB3 ( <a href="#">GNB3 Products</a> )
Background:	GNB3, guanine nucleotide binding protein (G protein), beta polypeptide 3, G protein, beta-3 subunit, GTP-binding regulatory protein beta-3 chain, guanine nucleotide-binding protein G(I)/G(S)/G(T) beta subunit 3, guanine nucleotide-binding protein, beta-3
Gene ID:	2784, 59345, 60449
NCBI Accession:	<a href="#">NP_002066</a> , <a href="#">NP_067642</a>
Pathways:	<a href="#">Peptide Hormone Metabolism</a> , <a href="#">Myometrial Relaxation and Contraction</a>

## Application Details

Application Notes:	Western Blot: Approx 35 kDa band observed in lysates of cell line HepG2 (calculated MW of 37.2 kDa according to NP_002066.1. Recommended concentration: 0.1-0.3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:16000.
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.** Biotinylated ABIN5608776 (0.1µg/ml) staining of HepG2 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.