

Datasheet for ABIN1537753
anti-GNB4 antibody (AA 109-138)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	GNB4
Binding Specificity:	AA 109-138
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNB4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This GNB4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 109-138 amino acids from the Central region of human GNB4.
Clone:	RB40986
Isotype:	Ig Fraction
Predicted Reactivity:	B, Ha, Zf, D, M, Rat, X
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GNB4
Alternative Name:	GNB4 (GNB4 Products)

Target Details

Background: Heterotrimeric guanine nucleotide-binding proteins (G proteins), which integrate signals between receptors and effector proteins, are composed of an alpha, a beta, and a gamma subunit. These subunits are encoded by families of related genes. This gene encodes a beta subunit. Beta subunits are important regulators of alpha subunits, as well as of certain signal transduction receptors and effectors.

Molecular Weight: 37567

Gene ID: 59345

NCBI Accession: [NP_067642](#)

UniProt: [Q9HAV0](#)

Pathways: [Myometrial Relaxation and Contraction](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

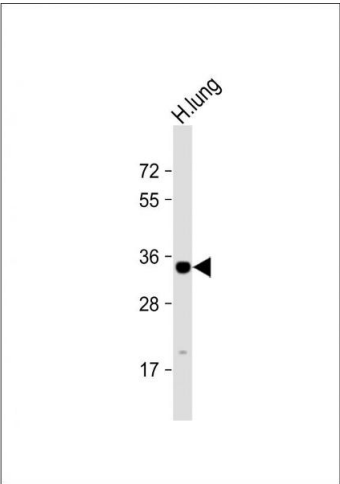
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

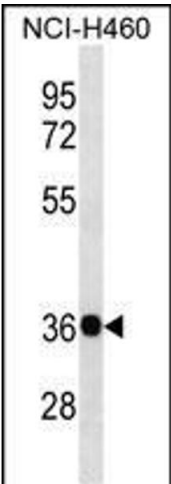
Storage Comment: GNB4 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. Anti-GNB4 Antibody (Center) at 1:1000 dilution + human lung lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 38 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 2. GNB4 Antibody (Center) (ABIN1537753 and ABIN2838151) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the GNB4 antibody detected the GNB4 protein (arrow).