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Datasheet for ABIN7154691

**anti-GNB1 antibody (AA 157-248) (HRP)**

## Overview

Quantity:	100 µg
Target:	GNB1
Binding Specificity:	AA 157-248
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNB1 antibody is conjugated to HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1 protein (157-248AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	GNB1
Alternative Name:	GNB1 ( <a href="#">GNB1 Products</a> )
Background:	Background: Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or

## Target Details

transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction.

Aliases: Beta subunit signal transducing proteins GS/GI antibody, G protein beta 1 subunit antibody, GBB1 antibody, GBB1\_HUMAN antibody, gnb1 antibody, Guanine nucleotide binding protein (G protein) beta polypeptide 1 antibody, Guanine nucleotide binding protein beta 1 subunit antibody, Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1 antibody, Transducin beta chain 1 antibody

UniProt: [P62873](#)

Pathways: [Myometrial Relaxation and Contraction](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [CXCR4-mediated Signaling Events](#), [Phototransduction](#), [Thromboxane A2 Receptor Signaling](#), [SARS-CoV-2 Protein Interactome](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.