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Datasheet for ABIN751470

**anti-GNB1 antibody (AA 21-120) (Biotin)**

## Overview

Quantity:	100 µL
Target:	GNB1
Binding Specificity:	AA 21-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNB1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human G protein beta 1
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Cow,Sheep,Pig,Chicken
Purification:	Purified by Protein A.

## Target Details

Target:	GNB1
Alternative Name:	G protein beta 1/GNB1 ( <a href="#">GNB1 Products</a> )

## Target Details

Background:	Synonyms: Beta subunit signal transducing proteins GS/GI, G protein beta 1 subunit, GBB1, Guanine nucleotide binding protein beta 1 subunit, Transducin beta chain 1, GBB1_HUMAN. 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. GNB1 is a beta subunit. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction.
Gene ID:	2782
Pathways:	<a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">Phototransduction</a> , <a href="#">Thromboxane A2 Receptor Signaling</a> , <a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months