

Datasheet for ABIN7154688
anti-GNB1 antibody (AA 157-248)

2 Images

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Overview

Quantity:	100 µg
Target:	GNB1
Binding Specificity:	AA 157-248
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

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, Mouse, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	GNB1
Alternative Name:	GNB1 (GNB1 Products)
Background:	Background: Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or 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

Target Details

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

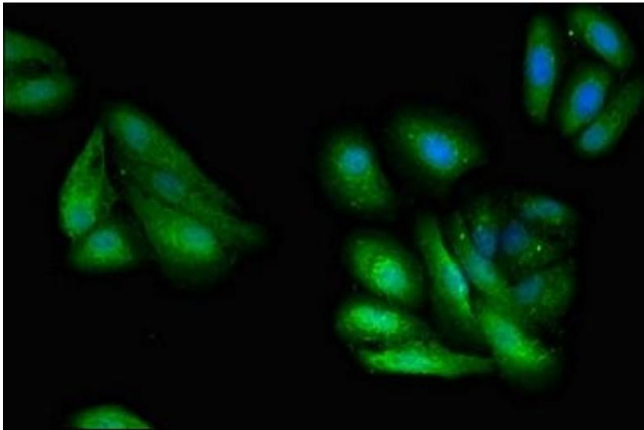
UniProt:	P62873
Pathways:	Myometrial Relaxation and Contraction , Regulation of G-Protein Coupled Receptor Protein Signaling , CXCR4-mediated Signaling Events , Phototransduction , Thromboxane A2 Receptor Signaling , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Recommended dilution: WB:1:500-1:5000, IF:1:50-1:200,
Restrictions:	For Research Use only

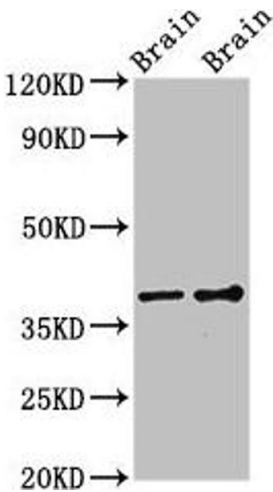
Handling

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.



Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7154688 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western Blot Positive WB detected in: Rat brain tissue, Mouse brain tissue All lanes: GNB1 antibody at 3 μ g/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 38, 37 kDa Observed band size: 38 kDa