

Datasheet for ABIN7154692
anti-GNB2 antibody (AA 1-340)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	GNB2
Binding Specificity:	AA 1-340
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNB2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2 protein (1-340AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen Affinity Purified

Target Details

Target:	GNB2
Alternative Name:	GNB2 (GNB2 Products)
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: G protein beta 2 subunit antibody, G protein subunit beta 2 antibody, G protein subunit beta-2 antibody, GBB2_HUMAN antibody, Gnb2 antibody, Gnb2l1 antibody, Guanine nucleotide binding protein beta 2 subunit antibody, Guanine nucleotide binding protein G I G S G T beta 2 subunit 2 antibody, Guanine nucleotide binding protein G protein beta polypeptide 2 antibody, Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2 antibody, OTTHUMP00000174601 antibody, OTTHUMP00000174602 antibody, RACK1 antibody, Receptor for activated C kinase antibody, Receptor of activated protein kinase C 1 antibody, Signal transducing guanine nucleotide binding regulatory protein beta antibody, Transducin beta chain 2 antibody

UniProt: [P62879](#)

Pathways: [Myometrial Relaxation and Contraction](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

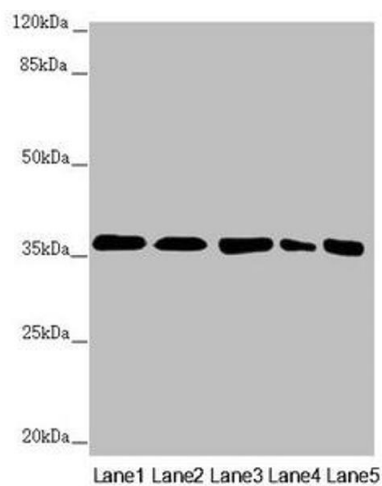
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

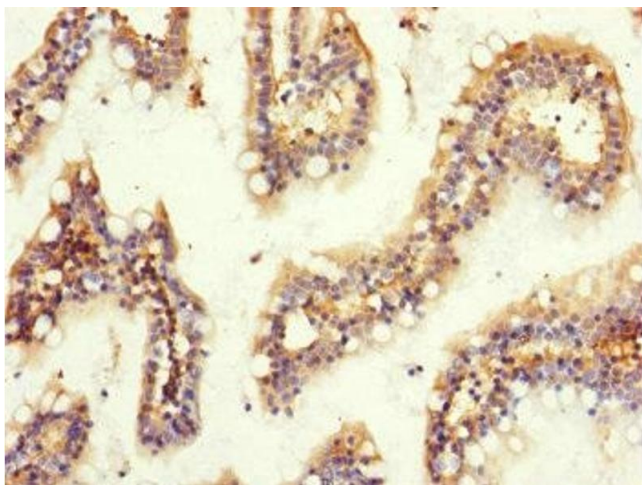
Storage: -20 °C, -80 °C

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



Western Blotting

Image 1. Western blot All lanes: GNB2 antibody at 2.22 μ g/mL Lane 1: Mouse lung tissue Lane 2: NIH/3T3 whole cell lysate Lane 3: Jurkat whole cell lysate Lane 4: 293T whole cell lysate Lane 5: Hela whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 38, 26 kDa Observed band size: 38 kDa



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human small intestine tissue using ABIN7154692 at dilution of 1:100