

Datasheet for ABIN7154745  
**anti-GNB5 antibody (AA 1-353)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µg
Target:	GNB5
Binding Specificity:	AA 1-353
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNB5 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Guanine nucleotide-binding protein subunit beta-5 protein (1-353AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	GNB5
Alternative Name:	GNB5 ( <a href="#">GNB5 Products</a> )
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

## Target Details

required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction.

Aliases: FLJ37457 antibody, FLJ43714 antibody, G protein beta 5 subunit antibody, G protein beta subunit 5L antibody, GB 5 antibody, GB5 antibody, GBB5\_HUMAN antibody, Gbeta5 antibody, GNB 5 antibody, GNB5 antibody, Guanine nucleotide binding protein (G protein) beta 5 antibody, Guanine nucleotide binding protein beta 5 antibody, Guanine nucleotide binding protein beta 5 subunit antibody, Guanine nucleotide binding protein beta subunit 5L antibody, Guanine nucleotide binding protein subunit beta 5 antibody, Guanine nucleotide-binding protein subunit beta-5 antibody, Transducin beta chain 5 antibody

UniProt: [O14775](#)

Pathways: [Myometrial Relaxation and Contraction](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [Thromboxane A2 Receptor Signaling](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

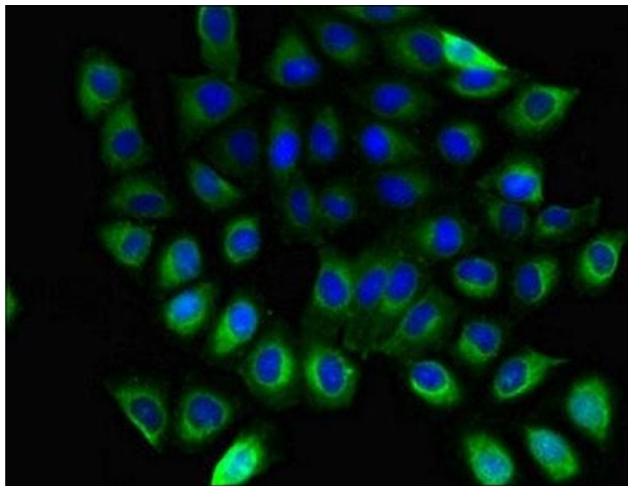
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

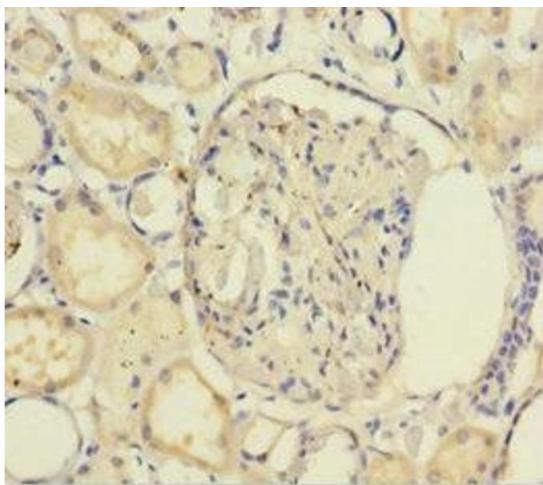
Storage: -20 °C,-80 °C

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



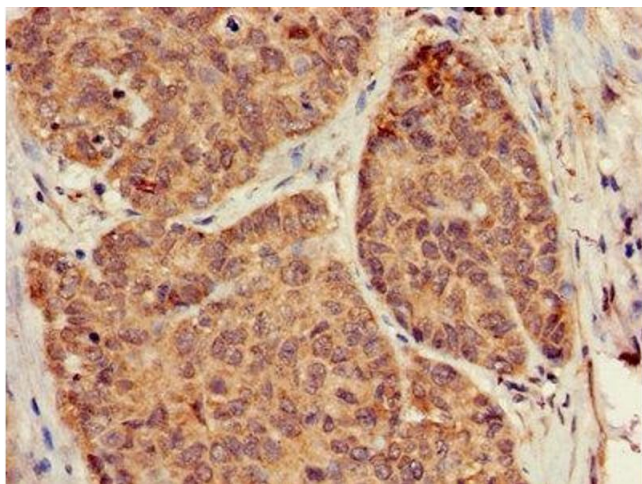
#### Immunofluorescence

**Image 1.** Immunofluorescent analysis of A549 cells using ABIN7154745 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



#### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7154745 at dilution of 1:100



#### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human ovarian cancer using ABIN7154745 at dilution of 1:100