

Datasheet for ABIN7154741  
**anti-GNB4 antibody (AA 105-185)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µg
Target:	GNB4
Binding Specificity:	AA 105-185
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNB4 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Guanine nucleotide-binding protein subunit beta-4 protein (105-185AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

## Target Details

Target:	GNB4
Alternative Name:	GNB4 ( <a href="#">GNB4 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: G protein beta 4 subunit antibody, GBB4\_HUMAN antibody, GNB 4 antibody, Gnb4 antibody, Guanine nucleotide binding protein (G protein) beta polypeptide 4 antibody, Guanine nucleotide binding protein beta 4 subunit antibody, Guanine nucleotide binding protein beta polypeptide 4 antibody, Guanine nucleotide binding protein beta subunit 4 antibody, Guanine nucleotide binding protein subunit beta 4 antibody, Guanine nucleotide-binding protein subunit beta-4 antibody, Transducin beta chain 4 antibody

UniProt: [Q9HAV0](#)

Pathways: [Myometrial Relaxation and Contraction](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

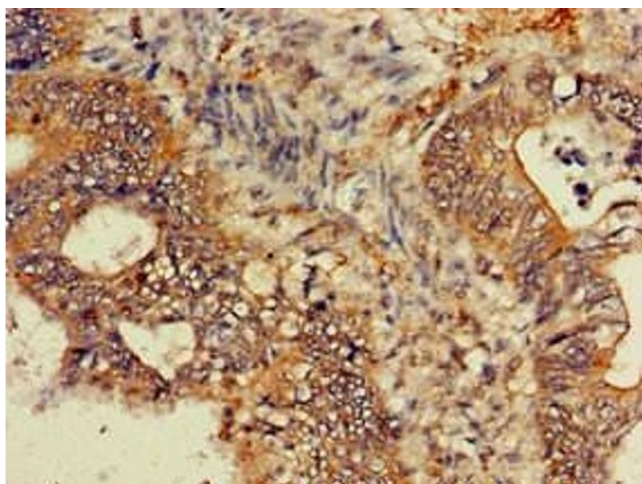
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

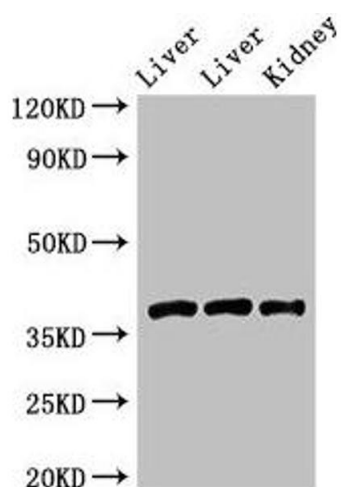
Storage: -20 °C,-80 °C

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



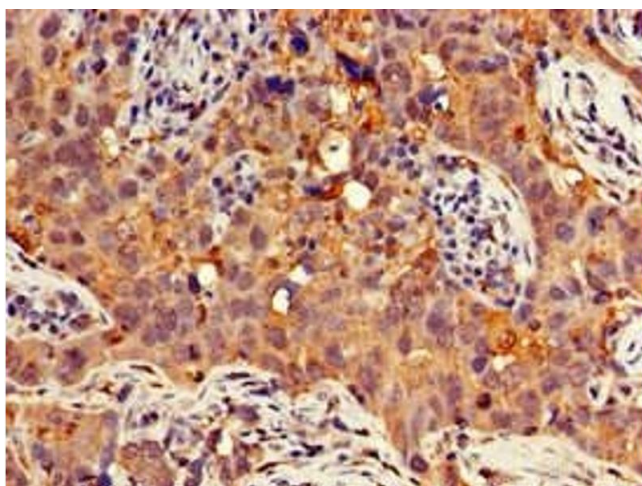
#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7154741 at dilution of 1:100



#### Western Blotting

**Image 2.** Western Blot Positive WB detected in: Rat liver tissue, Mouse liver tissue, Mouse kidney tissue All lanes: GNB4 antibody at 2 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 38 kDa Observed band size: 38 kDa



#### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human pancreatic cancer using ABIN7154741 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7154741.