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Datasheet for ABIN7154672  
**anti-GNG4 antibody (AA 1-72)**

3 Images

Overview

Quantity:	100 µg
Target:	GNG4
Binding Specificity:	AA 1-72
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNG4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-4 protein (1-72AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	GNG4
Alternative Name:	GNG4 ( <a href="#">GNG4 Products</a> )
Background:	Background: Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or

## Target Details

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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: GNG4 antibody, NGGT4 antibody, Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-4 antibody

UniProt: [P50150](#)

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

## Application Details

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

Restrictions: For Research Use only

## Handling

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Format: Liquid

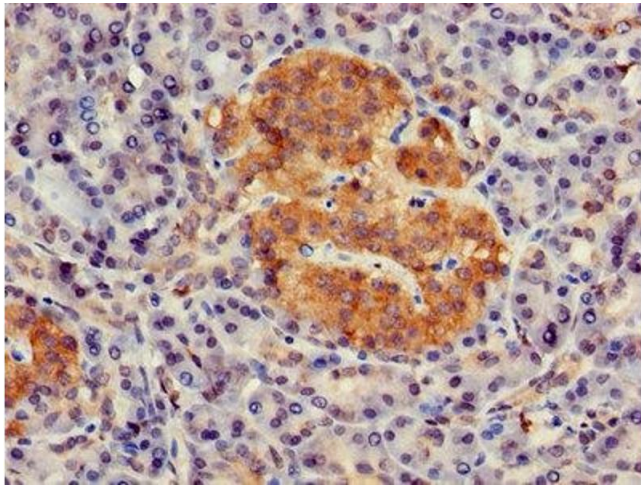
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

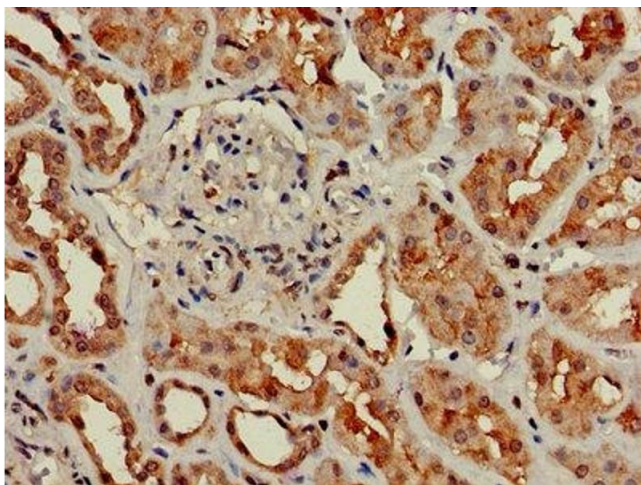
Storage: -20 °C,-80 °C

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



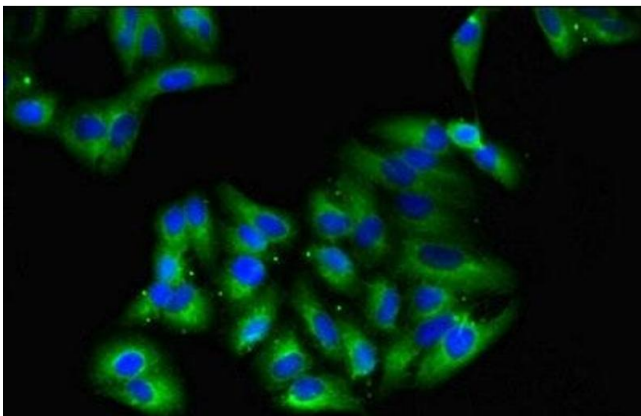
#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human pancreatic tissue using ABIN7154672 at dilution of 1:100



#### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7154672 at dilution of 1:100



#### Immunofluorescence

**Image 3.** Immunofluorescent analysis of HepG2 cells using ABIN7154672 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)