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Datasheet for ABIN7167597
anti-RGS19 antibody (AA 1-87)

3 Images

Overview

Quantity:	100 µg
Target:	RGS19
Binding Specificity:	AA 1-87
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGS19 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Regulator of G-protein signaling 19 protein (1-87AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	RGS19
Alternative Name:	RGS19 (RGS19 Products)
Background:	Background: Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Binds to G-alpha subfamily 1

Target Details

members, with the order G(i)a3 > G(i)a1 > G(o)a >> G(z)a/G(i)a2. Activity on G(z)-alpha is inhibited by phosphorylation and palmitoylation of the G-protein.

Aliases: G alpha interacting protein antibody, G protein signalling regulator 19 antibody, G protein, alpha-interacting protein antibody, G-alpha-interacting protein antibody, GAIP antibody, GNAI3IP antibody, Guanine nucleotide binding protein alpha inhibiting activity polypeptide 3 interacting protein antibody, Regulator of G protein signalling 19 antibody, Regulator of G-protein signaling 19 antibody, RGS19 antibody, RGS19_HUMAN antibody, RGSGAIP antibody

UniProt: [P49795](#)

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

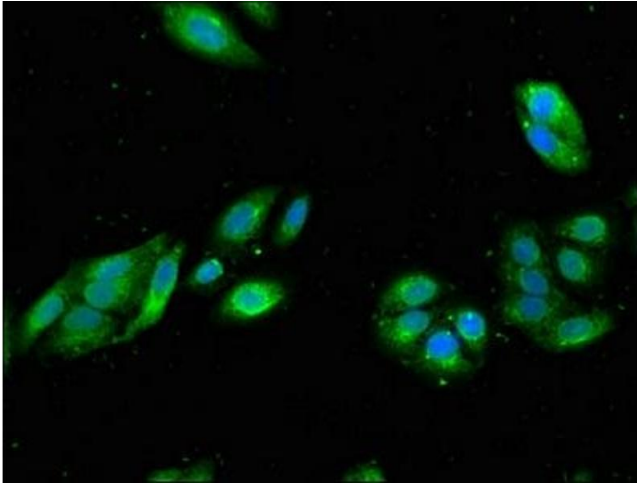
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

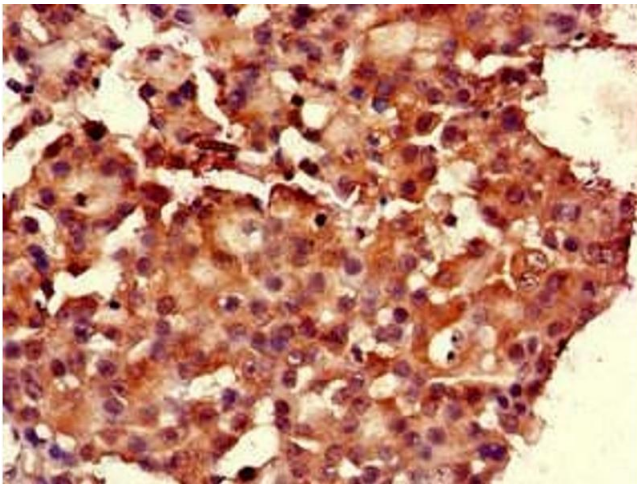
Storage: -20 °C,-80 °C

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



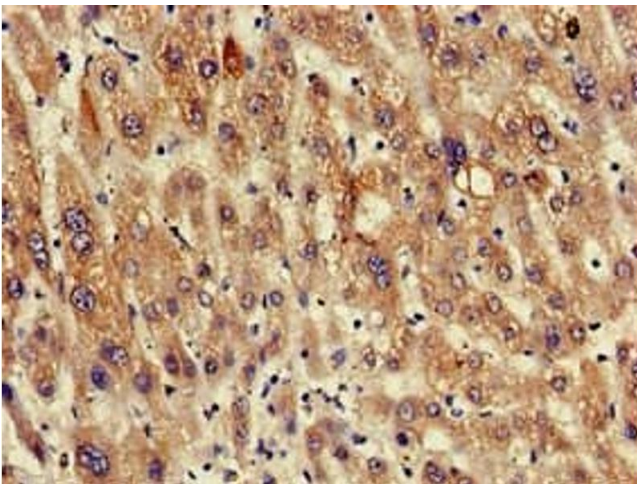
Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7167597 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 breast cancer using ABIN7167597 at dilution of 1:100



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human liver tissue using ABIN7167597 at dilution of 1:100