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Datasheet for ABIN7147596
anti-CCKAR antibody (AA 235-313)

3 Images

Overview

Quantity:	100 µg
Target:	CCKAR
Binding Specificity:	AA 235-313
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCKAR antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Cholecystokinin receptor type A protein (235-313AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CCKAR
Alternative Name:	CCKAR (CCKAR Products)
Background:	Background: Receptor for cholecystokinin. Mediates pancreatic growth and enzyme secretion, smooth muscle contraction of the gall bladder and stomach. Has a 1000-fold higher affinity for

Target Details

CCK rather than for gastrin. It modulates feeding and dopamine-induced behavior in the central and peripheral nervous system. This receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system.

Aliases: CCK A antibody, CCK A receptor antibody, CCK AR antibody, CCK-A receptor antibody, CCK-AR antibody, CCK1 R antibody, CCK1-R antibody, CCK1R antibody, CCKA antibody, CCKA receptor antibody, CCKAR antibody, CCKAR_HUMAN antibody, CCKR Type A antibody, CCKRA antibody, Cholecystokinin 1 receptor antibody, Cholecystokinin A receptor antibody, Cholecystokinin receptor type A antibody, Cholecystokinin type A receptor antibody, Cholecystokinin-1 receptor antibody

UniProt: [P32238](#)

Pathways: [Positive Regulation of Peptide Hormone Secretion](#), [Hormone Transport](#), [Feeding Behaviour](#)

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

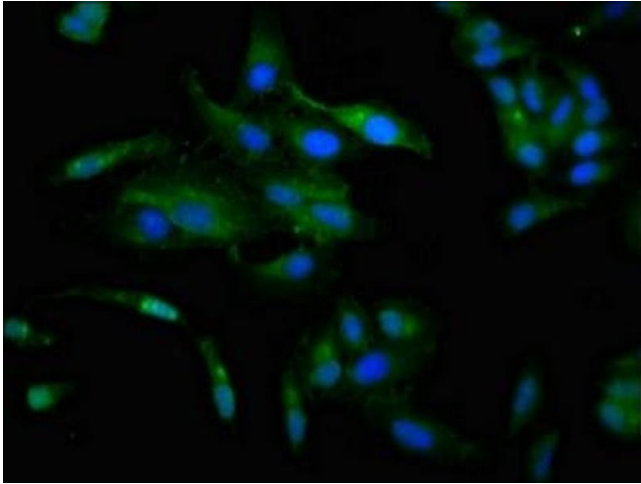
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

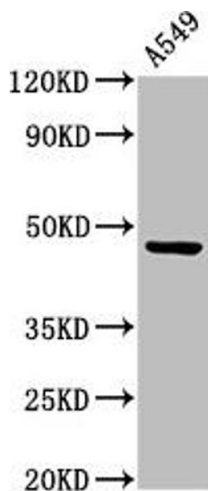
Storage: -20 °C,-80 °C

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



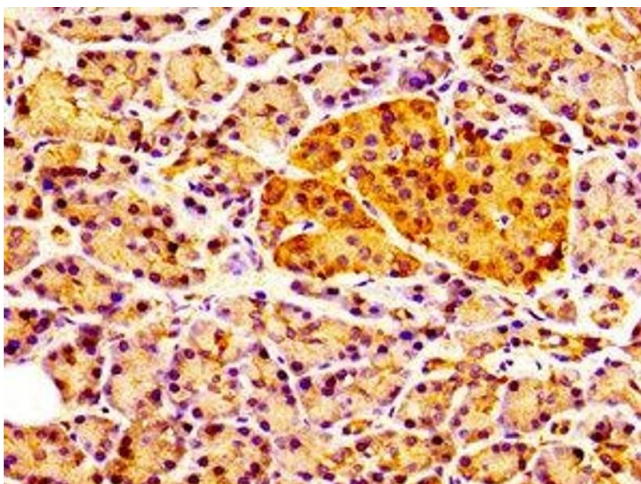
Immunofluorescence

Image 1. Immunofluorescence staining of HeLa cells with ABIN7147596 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 2. Western Blot Positive WB detected in: A549 whole cell lysate All lanes: CCKAR antibody at 3.4 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 48 kDa Observed band size: 48 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7147596 diluted at 1:100 and staining in paraffin-embedded human pancreatic tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.