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Datasheet for ABIN7153687
anti-CCKBR antibody (AA 243-333)

3 Images

Overview

Quantity:	100 µg
Target:	CCKBR
Binding Specificity:	AA 243-333
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Gastrin/cholecystokinin type B receptor protein (243-333AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CCKBR
Alternative Name:	CCKBR (CCKBR Products)
Background:	Background: Receptor for gastrin and cholecystokinin. The CCK-B receptors occur throughout the central nervous system where they modulate anxiety, analgesia, arousal, and neuroleptic activity. This receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system.

Target Details

Aliases: CCK B antibody, CCK B receptor antibody, CCK BR antibody, CCK-B receptor antibody, CCK-BR antibody, CCK2 R antibody, CCK2 receptor antibody, CCK2-R antibody, CCKB antibody, CCKB receptor antibody, CCKBR antibody, CCKR Type B antibody, CCKRB antibody, Cholecystokinin 2 receptor antibody, Cholecystokinin B receptor antibody, Cholecystokinin-2 receptor antibody, Cholecystokinin2 receptor antibody, CholecystokininB receptor antibody, GASR antibody, GASR_HUMAN antibody, Gastrin receptor antibody, Gastrin/cholecystokinin type B receptor antibody, Gastrin\cholecystokinin brain receptor antibody

UniProt: [P32239](#)

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

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

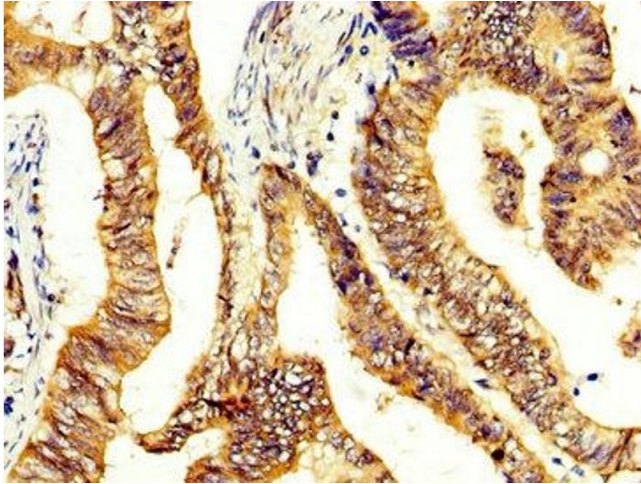
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

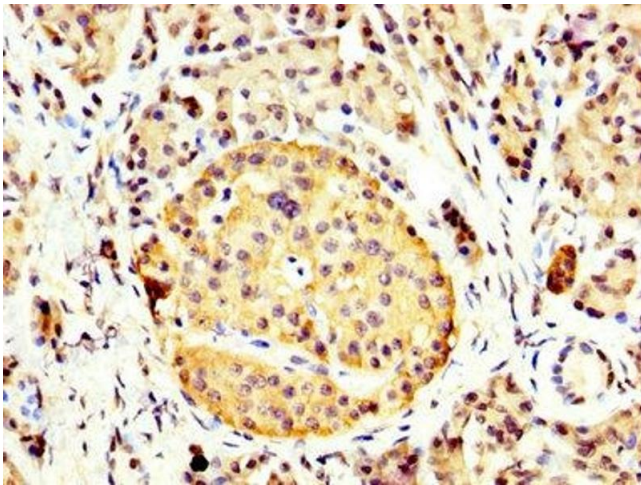
Storage: -20 °C,-80 °C

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



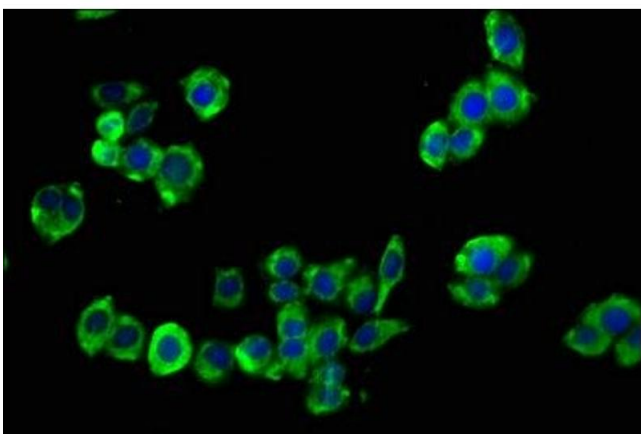
Immunohistochemistry

Image 1. IHC image of ABIN7153687 diluted at 1:400 and staining in paraffin-embedded human colon cancer 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.



Immunohistochemistry

Image 2. IHC image of ABIN7153687 diluted at 1:400 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.



Immunofluorescence

Image 3. Immunofluorescence staining of PC-3 cells with ABIN7153687 at 1:133, 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).