

CCKBR Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51051**Specification**

CCKBR Antibody - Product Information

Application	WB
Primary Accession	P32239
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48 KDa
Antigen Region	1 - 60

CCKBR Antibody - Additional Information**Gene ID** 887**Other Names**

Gastrin/cholecystokinin type B receptor, CCK-B receptor, CCK-BR, Cholecystokinin-2 receptor, CCK2-R, CCKBR, CCKRB

Target/Specificity

KLH conjugated synthetic peptide derived from human CCKBR

Dilution

WB~~ 1:1000

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

CCKBR Antibody - Protein Information**Name** CCKBR ([HGNC:1571](#))**Synonyms** CCKRB**Function**

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.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

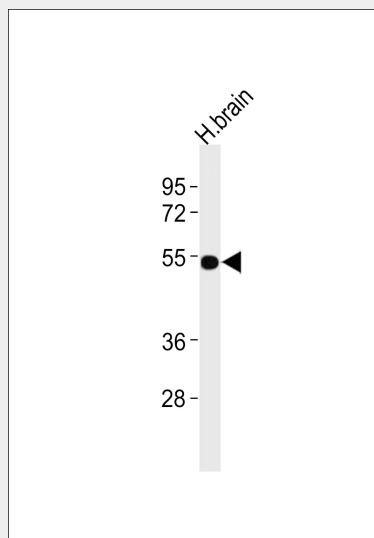
Isoform 1 is expressed in brain, pancreas, stomach, the colon cancer cell line LoVo and the T-lymphoblastoma Jurkat, but not in heart, placenta, liver, lung, skeletal muscle, kidney or the stomach cancer cell line AGS. Expressed at high levels in the small cell lung cancer cell line NCI-H510, at lower levels in NCI-H345, NCI-H69 and GLC-28 cell lines, not expressed in GLC-19 cell line. Within the stomach, expressed at high levels in the mucosa of the gastric fundus and at low levels in the antrum and duodenum. Isoform 2 is present in pancreatic cancer cells and colorectal cancer cells, but not in normal pancreas or colonic mucosa. Isoform 3 is expressed in brain, pancreas, stomach, the stomach cancer cell line AGS and the colon cancer cell line LoVo.

CCKBR Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CCKBR Antibody - Images



Anti-CCKBR Antibody at 1:1000 dilution + H.brain tissue lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 48,56 kDa Blocking/Dilution buffer: 5% NFD/MTBST.

CCKBR Antibody - Background

Receptor for gastrin and cholecystinin. 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.

CCKBR Antibody - References

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Lee Y.-M.,et al.J. Biol. Chem. 268:8164-8169(1993).

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