

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

**Specification**

**CCKBR Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P32239</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>48 KDa</b>
Antigen Region	<b>1 - 60</b>

**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, 0.1% Sodium azide, Glycerol 50%

**Storage**

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

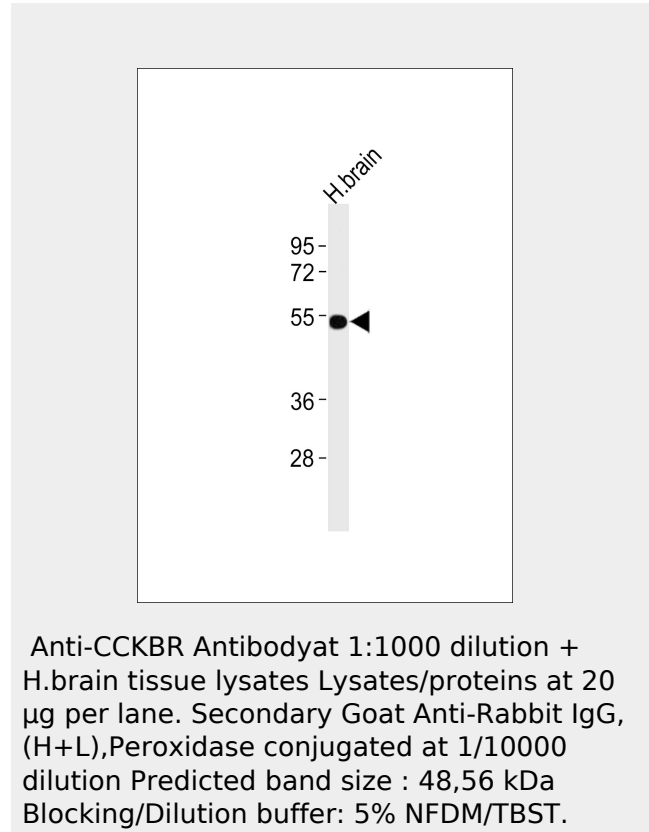
**CCKBR Antibody - Protein Information**

**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



**CCKBR Antibody - 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.

**CCKBR Antibody - References**

Pisegna J.R., et al. Biochem. Biophys. Res. Commun. 189:296-303(1992).  
Lee Y.-M., et al. J. Biol. Chem. 268:8164-8169(1993).  
Ito M., et al. J. Biol. Chem. 268:18300-18305(1993).  
Song I., et al. Proc. Natl. Acad. Sci. U.S.A. 90:9085-9089(1993).

neuroleptic activity. This receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system.

Herget T., et al. Ann. N. Y. Acad. Sci. 713:283-297(1994).

#### **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](#)