

CCKBR polyclonal antibody

Catalog # PAB6797

Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of CCKBR.
Immunogen	A synthetic peptide corresponding to internal region of human CCKBR.
Sequence	C-FDGDSDSDSQSRVRNQ
Host	Goat
Theoretical MW (kDa)	48.4
Reactivity	Human, Rat
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:32000) Western Blot (0.1-0.3 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (4-6 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunocytochemistry
- Immunofluorescence
- Enzyme-linked Immunoabsorbent Assay

Gene Info — CCKBR

Entrez GeneID [887](#)

Protein Accession# [NP_795344.1](#)

Gene Name CCKBR

Gene Alias CCK-B, CCK2R, GASR

Gene Description cholecystokinin B receptor

Omim ID [118445](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a G-protein coupled receptor for gastrin and cholecystokinin (CCK), regulatory peptides of the brain and gastrointestinal tract. This protein is a type B gastrin receptor, which has a high affinity for both sulfated and nonsulfated CCK analogs and is found principally in the central nervous system and the gastrointestinal tract. A misspliced transcript variant including an intron has been observed in cells from colorectal and pancreatic tumors. [provided by RefSeq]

Other Designations CCK2 receptor|cholecystokinin-B receptor|gastrin receptor|gastrin receptor

Publication Reference

- [Multifactorial diagnostic NIR imaging of CCK2R expressing tumors.](#)

Kossatz S, Behe M, Mansi R, Saur D, Czerney P, Kaiser WA, Hilger I.

Biomaterials 2013 Jul; 34(21):5172.

Application: IHC-P, Human, Mouse, Mouse xenografts, A431 cells

- [Localization of cholecystokinin receptor subtypes in the endocrine pancreas.](#)

Morisset J, Julien S, Laine J.

The Journal of Histochemistry and Cytochemistry 2003 Nov; 51(11):1501.

Application: IHC-P, WB, Human, Rat, Brains, Islets

Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alcohol Withdrawal Delirium](#)
- [Alcoholism](#)
- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hallucinations](#)
- [Hypercholesterolemia](#)
- [Liver Diseases](#)
- [Mental Disorders](#)
- [Multiple Chemical Sensitivity](#)
- [Panic Disorder](#)

- [Parkinson disease](#)
- [Tobacco Use Disorder](#)