

Rabbit CCKBR Polyclonal Antibody | anti-CCKBR antibody

CCKBR Antibody

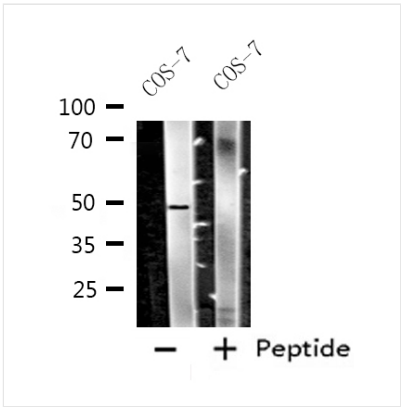
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325478	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

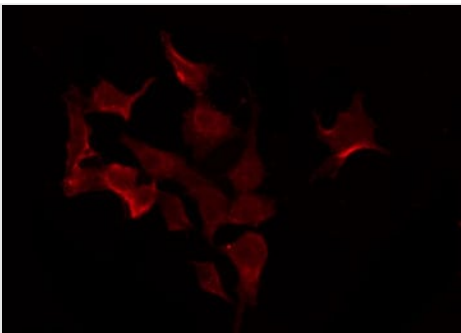
CCKBR; Polyclonal Antibody; CCKBR Antibody; CCK B; CCK B receptor; CCK BR; CCK-B receptor; CCK-BR; CCK2 R; CCK2 receptor; CCK2-R; CCKB; CCKB receptor; CCKR Type B; CCKRB; Cholecystokinin 2 receptor; Cholecystokinin B receptor; Cholecystokinin-2 receptor; Cholecystokinin2 receptor; CholecystokininB receptor; GASR; GASR_HUMAN; Gastrin receptor; Gastrin/cholecystokinin type B receptor; Gastrincholecystokinin brain receptor; anti-CCKBR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CCKBR antibody detects endogenous levels of total CCKBR
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	363
Applicable Applications for anti-CCKBR antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	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.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from COS-7 cells using CCKBR antibody.



IF (Immunofluorescence)
AAA325478 staining A549 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CCKBR antibody	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. Similarity: Belongs to the G-protein coupled receptor 1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	966751426
NCBI GeneID	887
NCBI Accession #	NP_001304958.1
NCBI GenBank Nucleotide #	NM_001318029.1
UniProt Accession #	P32239; O75824; Q16144; Q92492; Q96LC6; Q9NYK7; Q9UBV1; A8K7P9
Molecular Weight	Observed: 48 kD Predicted: 49 kDa
NCBI Official Full Name	gastrin/cholecystokinin type B receptor isoform 2
NCBI Official Synonym Full Names	cholecystokinin B receptor
NCBI Official Symbol	CCKBR
NCBI Official Synonym Symbols	GASR; CCK-B; CCK2R
NCBI Protein Information	gastrin/cholecystokinin type B receptor
UniProt Protein Name	Gastrin/cholecystokinin type B receptor
UniProt Gene Name	CCKBR
UniProt Synonym Gene Names	CCK-B receptor1 PublicationManual assertion based on opinion iniRef.4; CCK-BR; CCK2-R

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.