



CCK-AR Polyclonal Antibody

Catalog No	BYab-13165
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	CCKAR
Protein Name	Cholecystokinin receptor type A
Immunogen	The antiserum was produced against synthesized peptide derived from human CCKAR. AA range:215-264
Specificity	CCK-AR Polyclonal Antibody detects endogenous levels of CCK-AR protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CCKAR; CCKRA; Cholecystokinin receptor type A; CCK-A receptor; CCK-AR; Cholecystokinin-1 receptor; CCK1-R
Observed Band	44kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Gall bladder,Peripheral blood leukocyte,Stomach,
Function	function:Receptor for cholecystokinin. Mediates pancreatic growth and enzyme secretion, smooth muscle contraction of the gall bladder and stomach. Has a 1000-fold higher affinity for CCK rather than for gastrin. It modulates feeding and dopamine-induced behavior in the central and peripheral nervous system. This receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system.,online information:Cholecystokinin receptor entry,similarity:Belongs to the G-protein coupled receptor 1 family.,

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Background

This gene encodes a G-protein coupled receptor that binds non-sulfated members of the cholecystokinin (CCK) family of peptide hormones. This receptor is a major physiologic mediator of pancreatic enzyme secretion and smooth muscle contraction of the gallbladder and stomach. In the central and peripheral nervous system this receptor regulates satiety and the release of beta-endorphin and dopamine. [provided by RefSeq, Jul 2008],

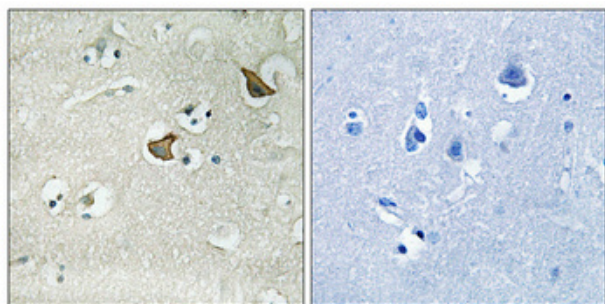
matters needing attention

Avoid repeated freezing and thawing!

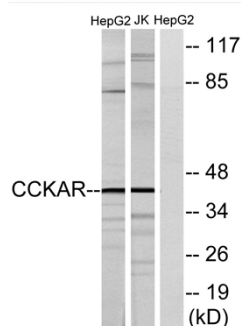
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA, pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



Western blot analysis of lysates from HepG2 and Jurkat cells, using CCKAR Antibody. The lane on the right is blocked with the synthesized peptide.