

Anti-CCKAR Antibody

Rabbit polyclonal antibody to CCKAR

Catalog # AP60661

Product Information

Application	WB, IP, IF/IC
Primary Accession	P32238
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47841

Additional Information

Gene ID	886
Other Names	CCKRA; Cholecystokinin receptor type A; CCK-A receptor; CCK-AR; Cholecystokinin-1 receptor; CCK1-R
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CCKAR. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500), IP (1/10 - 1/100) IP~~N/A IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C. Stable for 12 months from date of receipt

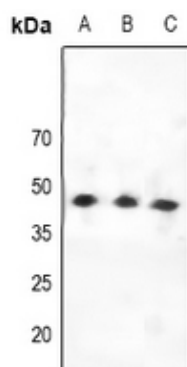
Protein Information

Name	CCKAR
Synonyms	CCKRA
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.
Cellular Location	Cell membrane; Multi-pass membrane protein.

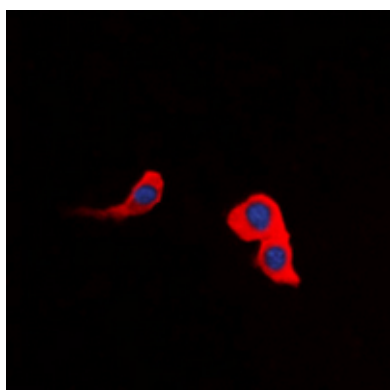
Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CCKAR. The exact sequence is proprietary.

Images



Western blot analysis of CCKAR expression in HEK293T (A), U87MG (B), K562 (C) whole cell lysates.



Immunofluorescent analysis of CCKAR staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.