

## **Anti-CCKAR Antibody**

Rabbit polyclonal antibody to CCKAR Catalog # AP60661

## **Specification**

## **Anti-CCKAR Antibody - Product Information**

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

## **Anti-CCKAR Antibody - 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

### **Anti-CCKAR Antibody - 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**

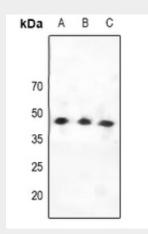
Cell membrane; Multi-pass membrane protein.

### **Anti-CCKAR Antibody - Protocols**

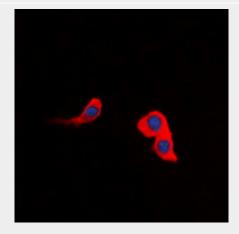
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# **Anti-CCKAR Antibody - Images**

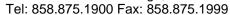


Western blot analysis of CCKAR expression in HEK293T (A), U87MG (B), K562 (C) whole cell lysates.



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 hidified 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).

## **Anti-CCKAR Antibody - Background**

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