

**CCKAR Antibody(Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP19386c****Specification**

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**CCKAR Antibody(Center) Blocking peptide - Product Information**Primary Accession [P32238](#)**CCKAR Antibody(Center) Blocking peptide - Additional Information****Gene ID** 886**Other Names**

Cholecystokinin receptor type A, CCK-A receptor, CCK-AR, Cholecystokinin-1 receptor, CCK1-R, CCKAR, CCKRA

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**CCKAR Antibody(Center) Blocking peptide - 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.

**CCKAR Antibody(Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

### **CCKAR Antibody(Center) Blocking peptide - Images**

### **CCKAR Antibody(Center) Blocking peptide - 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.

### **CCKAR Antibody(Center) Blocking peptide - References**

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Cong, P., et al. Am. J. Physiol. Gastrointest. Liver Physiol. 299 (3), G742-G750 (2010) :Tiwari, A.K., et al. Prog. Neuropsychopharmacol. Biol. Psychiatry (2010) In press :Ruano, G., et al. Pharmacogenomics 11(7):959-971(2010) Park, S.Y., et al. J Neurogastroenterol Motil 16(1):71-76(2010)