10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CCKAR Antibody(Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP19386c

Specification

CCKAR Antibody(Center) - Product Information

Application	**WB,E**
Primary Accession	P32238
Other Accession	NP_000721.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**47841**
Antigen Region	**228-257**

CCKAR Antibody(Center) - Additional Information

Gene ID 886

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

Target/Specificity
This CCKAR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 228-257 amino acids from the Central region of human CCKAR.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
CCKAR Antibody(Center) is for research use only and not for use in diagnostic or therapeutic procedures.

CCKAR Antibody(Center) - 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.

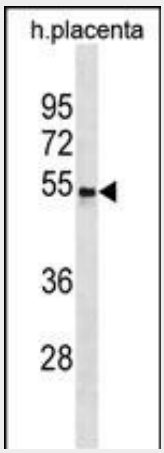
Cellular Location
Cell membrane; Multi-pass membrane protein.

CCKAR Antibody(Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CCKAR Antibody(Center) - Images



CCKAR Antibody (Center)(Cat. #AP19386c) western blot analysis in human placenta tissue lysates (35ug/lane).This demonstrates the CCKAR antibody detected the CCKAR protein (arrow).

CCKAR Antibody(Center) - 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) - 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)