

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

E~~Use at an assay dependent concentration.

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 cholecystkinin. 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

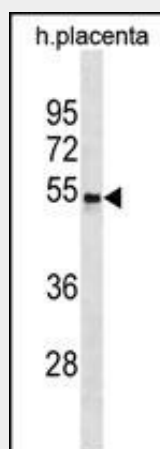
Cell membrane; Multi-pass membrane protein.

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 Cytometry](#)
- [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 cholecystkinin (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)
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