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

Goat Anti-CCKAR Antibody

Peptide-affinity purified goat antibody
Catalog # AF1208a

Specification

Goat Anti-CCKAR Antibody - Product Information

Application	**IHC**
Primary Accession	P32238
Other Accession	NP_000721, 886, 12425 (mouse), 24889 (rat)
Reactivity	**Human, Rat**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**100ug/200ul**
Isotype	**IgG**
Calculated MW	**47841**

Goat Anti-CCKAR Antibody - Additional Information

Gene ID 886

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

Format
0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Goat Anti-CCKAR Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat 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.

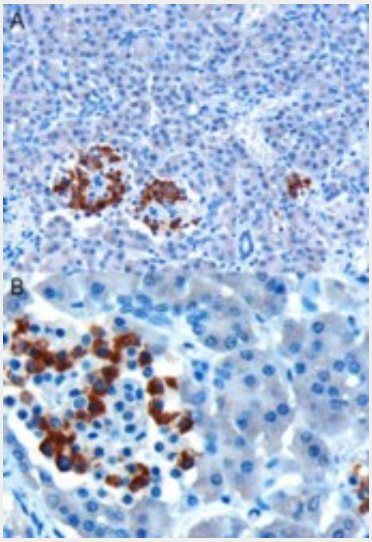
Cellular Location
Cell membrane; Multi-pass membrane protein.

Goat Anti-CCKAR Antibody - 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

Goat Anti-CCKAR Antibody - Images



AF1208a (10 µg/ml) staining of paraffin embedded Human Pancreas. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.

Goat Anti-CCKAR Antibody - 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.

Goat Anti-CCKAR Antibody - References

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