10320 Camino Santa Fe, Suite G
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CCKAR / CCK1R Antibody (Internal)

Rabbit Polyclonal Antibody

Catalog # ALS10174

Specification

CCKAR / CCK1R Antibody (Internal) - Product Information

Application	**IHC**
Primary Accession	P32238
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**48kDa KDa**

CCKAR / CCK1R Antibody (Internal) - 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
Human CCKAR. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
CCKAR / CCK1R Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

CCKAR / CCK1R Antibody (Internal) - 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.

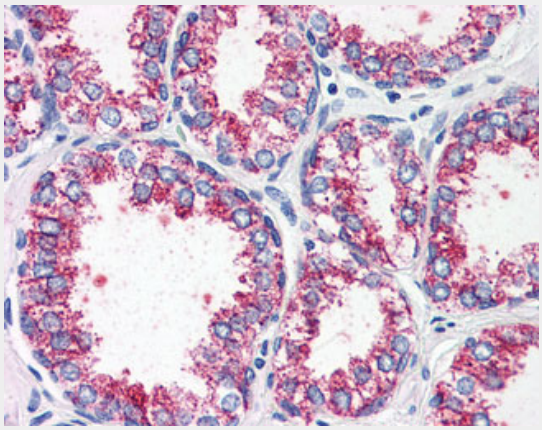
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CCKAR / CCK1R Antibody (Internal) - Protocols

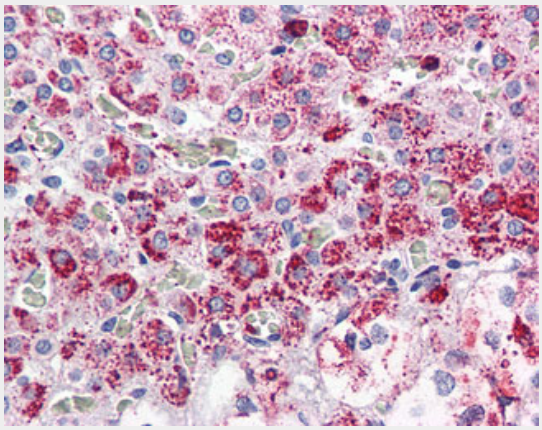
Provided below are standard protocols that you may find useful for product applications.

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

CCKAR / CCK1R Antibody (Internal) - Images



Anti-CCKAR antibody ALS10174 IHC of human prostate.



Anti-CCKAR antibody ALS10174 IHC of human adrenal.

CCKAR / CCK1R Antibody (Internal) - Background

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.

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CCKAR / CCK1R Antibody (Internal) - References

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Miller L.J.,et al.Gastroenterology 109:1375-1380(1995).
Funakoshi A.,et al.FEBS Lett. 466:264-266(2000).
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