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CCK39 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55343

Specification

CCK39 Polyclonal Antibody - Product Information

Application	**IHC-P, IHC-F, IF, ICC, E**
Primary Accession	P06307
Reactivity	**Rat, Pig, Dog, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**11 KDa**
Physical State	**Liquid**
Immunogen	**KLH conjugated synthetic peptide derived from human CCK39**
Epitope Specificity	**51-115/115**
Isotype	**IgG**

Purity
affinity purified by Protein A

Buffer	**0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.**
SUBCELLULAR LOCATION	**Secreted.**
SIMILARITY	**Belongs to the gastrin/cholecystokinin family.**
SUBUNIT	**Binds to CCK-A receptors in the pancreas and CCK-B receptors in the brain.**
Post-translational modifications	**The precursor is cleaved by proteases to produce a number of active cholecystokinins.**
Important Note	**This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.**

Background Descriptions
Cholecystokinin is a brain/gut peptide. In the gut, it induces the release of pancreatic enzymes and the contraction of the gallbladder. In the brain, its physiologic role is unclear. The cholecystokinin pro-hormone is processed by endo- and exo-proteolytic cleavages. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Mar 2010].

CCK39 Polyclonal Antibody - Additional Information

Gene ID 885

Other Names
Cholecystokinin, CCK, Cholecystokinin-58, CCK58, Cholecystokinin-58 desnonopeptide, (1-49)-CCK58, Cholecystokinin-39, CCK39, Cholecystokinin-33, CCK33, Cholecystokinin-25, CCK25, Cholecystokinin-18, CCK18, Cholecystokinin-12, CCK12, Cholecystokinin-8, CCK8, Cholecystokinin-7, CCK7, Cholecystokinin-5, CCK5, CCK

Target/Specificity
The shortest form (CCK8) is predominantly found in the brain, whereas the larger ones are found in the intestine.

Dilution
IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ℃.

CCK39 Polyclonal Antibody - Protein Information

Name CCK

Function
This peptide hormone induces gall bladder contraction and the release of pancreatic enzymes in the gut. Its function in the brain is not clear. Binding to CCK-A receptors stimulates amylase release from the pancreas, binding to CCK-B receptors stimulates gastric acid secretion.

Cellular Location
Secreted

Tissue Location
Detected in cerebrospinal fluid and urine (at protein level).

CCK39 Polyclonal 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

CCK39 Polyclonal Antibody - Images

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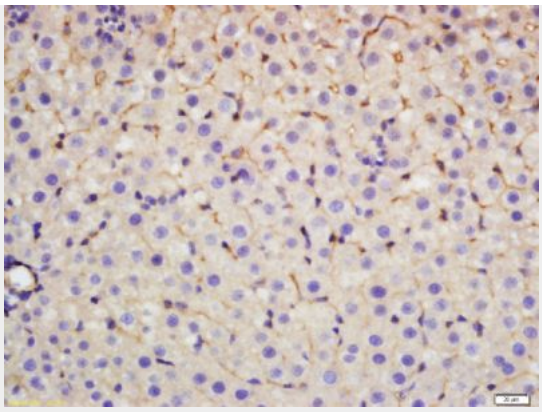
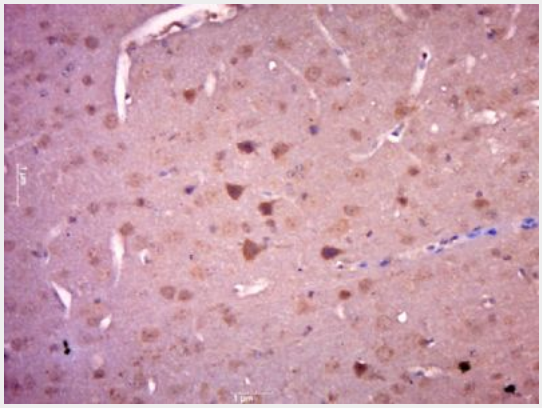


Tissue/cell: mouse liver tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-CCK 39 Polyclonal Antibody, Unconjugated(bs-13919R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CCK39) Polyclonal Antibody, Unconjugated (bs-13919R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.