

## **CCK Polyclonal Antibody**

Catalog No: YT0706

**Reactivity:** Human; Mouse; Rat

**Applications:** IHC;IF;ELISA

Target: CCK

**Fields:** >>Neuroactive ligand-receptor interaction;>>Insulin secretion;>>Pancreatic

secretion

P06307

P09240

Gene Name: CCK

Protein Name: Cholecystokinin

Human Gene Id: 885

**Human Swiss Prot** 

No:

Mouse Gene Id: 12424

**Mouse Swiss Prot** 

No:

Rat Gene Id: 25298

Rat Swiss Prot No: P01355

**Immunogen :** The antiserum was produced against synthesized peptide derived from human

CCK. AA range:46-95

**Specificity:** CCK Polyclonal Antibody detects endogenous levels of CCK protein.

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution :** IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200

1/2



**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight: 13kD

**Background:** This gene encodes a member of the gastrin/cholecystokinin family of proteins.

The encoded preproprotein is proteolytically processed to generate multiple protein products, including the peptide hormones cholecystokinin-8, -12, -33, and others. The encoded peptides have been shown to regulate gastric acid secretion and food intake. A sulfated form of cholecystokinin-8 may modulate neuronal activity in the brain. Alternative splicing results in multiple transcript variants.

[provided by RefSeq, Nov 2015],

**Function:** 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.,online information:Cholecystokinin entry,PTM:The precursor is cleaved by proteases to produce a number of active

cholecystokinins., similarity: Belongs to the gastrin/cholecystokinin

family., subunit: Binds to CCK-A receptors in the pancreas and CCK-B receptors in

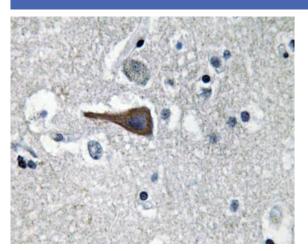
the brain.,

Subcellular Location:

Secreted.

**Expression:** Brain, Pancreas,

## **Products Images**



Immunohistochemistry analysis of CCK antibody in paraffinembedded human brain tissue.