

For Research Use Only

# CCK Polyclonal antibody

Catalog Number: 13074-2-AP **3 Publications**



## Basic Information

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| <b>Catalog Number:</b><br>13074-2-AP   | <b>GenBank Accession Number:</b><br>BC008283 | <b>Purification Method:</b><br>Antigen affinity purification |
| <b>Size:</b><br>150ul , Concentration: 500 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>885                 | <b>Recommended Dilutions:</b><br>IHC 1:50-1:500              |
| <b>Source:</b><br>Rabbit   | <b>UNIPROT ID:</b><br>P06307                 |  |
| <b>Isotype:</b><br>IgG   | <b>Full Name:</b><br>cholecystokinin         |  |
| <b>Immunogen Catalog Number:</b><br>AG3725   | <b>Calculated MW:</b><br>115 aa, 13 kDa      |  |

## Applications

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|--|--|
| <b>Tested Applications:</b><br>IHC, ELISA  | <b>Positive Controls:</b><br>IHC : human pancreas tissue, human stomach tissue |
| <b>Cited Applications:</b><br>IF, Cell treatment   |  |
| <b>Species Specificity:</b><br>human   |  |
| <b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b> |  |

## Background Information

Cholecystokinin (CCK) is a classic gut hormone. CCK is also a complex system of peptides expressed in several molecular forms in enteroendocrine I cells, in cerebral and peripheral neurons, in cardiac myocytes and spermatozoa. 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.

## Notable Publications

| Author       | Pubmed ID | Journal           | Application    |
|--------------|-----------|-------------------|----------------|
| Ya Min Luo   | 31794788  | J Ethnopharmacol  |                |
| Wei Liu      | 35330288  | J Fungi (Basel)   | Cell treatment |
| Weixia Zhang | 38908581  | Sci Total Environ | IF             |

## Storage

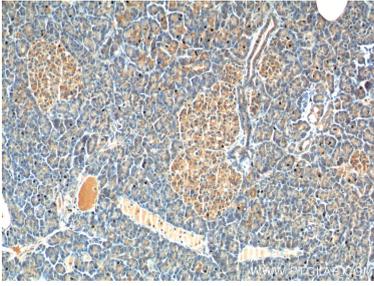
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

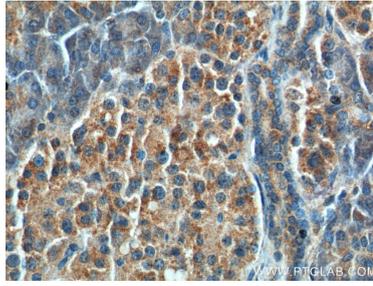
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 13074-2-AP (CCK Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 13074-2-AP (CCK Antibody) at dilution of 1:200 (under 40x lens).