

For Research Use Only

# CCKAR-specific Recombinant antibody

Catalog Number: 85205-1-RR



## Basic Information

Catalog Number:

85205-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_000730

GeneID (NCBI):

886

UNIPROT ID:

P32238

Full Name:

cholecystokinin A receptor

Calculated MW:

48 kDa

Observed MW:

75 kDa

Purification Method:

Protein A purification

CloneNo.:

242681A12

Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

## Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : SGC-7901 cells, mouse stomach tissue, rat stomach tissue, mouse pancreas tissue, rat pancreas tissue, mouse bladder tissue, mouse lung tissue

IP : mouse lung tissue,

## Background Information

Cholecystokinin (CCK) receptor, including CCKAR and CCKBR, is a receptor for cholecystokinin, mainly regulating pancreatic growth and enzyme secretion, and smooth muscle contraction of the gallbladder and stomach (PMID: 34556863). CCKAR (Cholecystokinin receptor type A) is primarily expressed in the alimentary tract, while CCKBR is mainly found in the brain and the stomach (PMID: 16816139). CCKAR is a biomarker for prognosis and asynchronous brain metastasis of non-small cell lung cancer (PMID: 36733361). The calculated MW of CCKAR is 48 kDa, but the observed MW is around 75 kDa, which may be with glycosylation modification.

## 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

For technical support and original validation data for this product please contact:

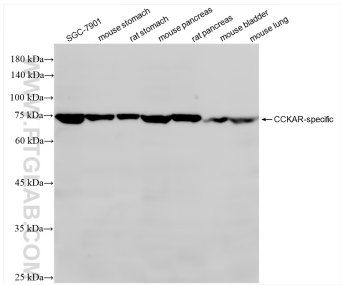
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

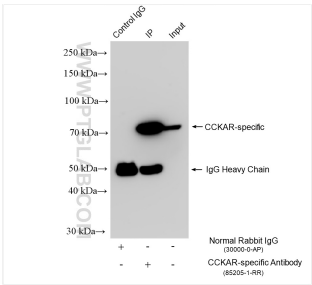
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85205-1-RR (CCKAR-specific antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-CCKAR-specific (IP:85205-1-RR, 4ug; Detection:85205-1-RR 1:600) with mouse lung tissue lysate 1520 ug.