

For Research Use Only

CCKAR-specific Recombinant antibody

Catalog Number: 85205-1-RR



Basic Information

Catalog Number:

85205-1-RR

Size:

100ul, Concentration: 1000 µg/ml by 886 Nanodrop;

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 ug 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

*** 20ul sizes contain 0.1% BSA

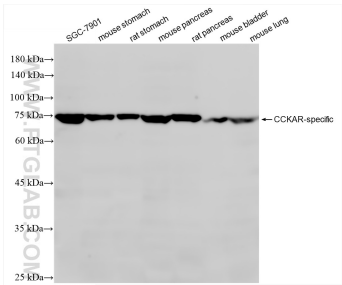
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

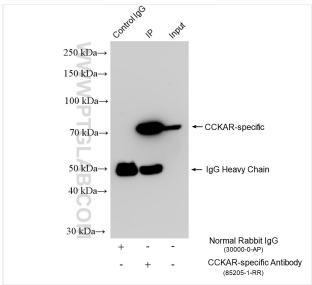
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.