

For Research Use Only

CPA4 Recombinant monoclonal antibody, PBS Only

Catalog Number:87695-1-PBS



Basic Information

Catalog Number:

87695-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25327

GenBank Accession Number:

BC052289

GeneID (NCBI):

51200

UNIPROT ID:

Q9UI42

Full Name:

carboxypeptidase A4

Calculated MW:

421 aa, 47 kDa

Observed MW:

44 kDa

Purification Method:

Protein A purification

CloneNo.:

253019C11

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

Carboxypeptidase A4 (CPA4), a member of the metallo-carboxypeptidase family, is a zinc-containing exopeptidase that catalyzes the release of carboxy-terminal amino acids. CPA4 was previously shown to play a crucial role in cell growth and differentiation by modulating or inactivating peptide hormone activity (PMID: 27904708). CPA4 expression is increased in multiple cancer tissues, including tissues from patients with pancreatic cancer, gastric cancer, esophageal squamous cell carcinoma, and lung cancer, and may serve as a potential diagnostic and prognostic marker (PMID: 31397502, 32922037).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

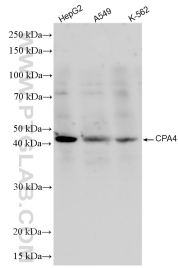
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.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 87695-1-RR (CPA4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87695-1-PBS in a different storage buffer formulation.