

For Research Use Only

CPA4 Recombinant monoclonal antibody

Catalog Number:87695-1-RR



Basic Information

Catalog Number: 87695-1-RR	GenBank Accession Number: BC052289	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 51200	CloneNo.: 253019C11
Source: Rabbit	UNIPROT ID: Q9UI42	Recommended Dilutions: WB: 1:1000-1:4000
Isotype: IgG	Full Name: carboxypeptidase A4	
Immunogen Catalog Number: AG25327	Calculated MW: 421 aa, 47 kDa	
	Observed MW: 44 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, A549 cells, K-562 cells
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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

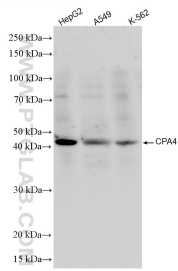
For technical support and original validation data for this product please contact:

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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.