

For Research Use Only

CPA4 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87695-1-PBS



Basic Information

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

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.

Storage Buffer:
PBS only, pH7.3

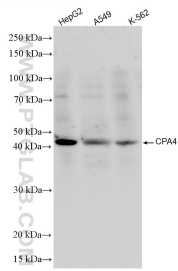
For technical support and original validation data for this product please contact:

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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.