

For Research Use Only

CLPS Recombinant antibody

Catalog Number: 84224-2-RR



Basic Information

Catalog Number: 84224-2-RR	GenBank Accession Number: BC017897	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 1208	CloneNo.: 241565H3
Source: Rabbit	UNIPROT ID: P04118	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:4000-1:16000
Isotype: IgG	Full Name: colipase, pancreatic	
Immunogen Catalog Number: AG2321	Calculated MW: 12 kDa	
	Observed MW: 12 kDa	

Applications

Tested Applications:
WB, IHC, ELISA

Species Specificity:
human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : rat pancreas tissue,

IHC : mouse pancreas tissue,

Background Information

Pancreatic colipase is a 12-kDa polypeptide cofactor for pancreatic lipase (EC 3.1.1.3), an enzyme essential for the absorption of dietary long-chain triglyceride fatty acids. Colipase is thought to anchor lipase noncovalently to the surface of lipid micelles, counteracting the destabilizing influence of intestinal bile salts.

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:

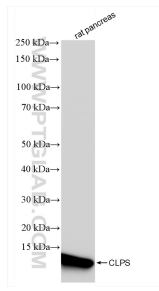
T: 4006900926

E: Proteintech-CN@ptglab.com

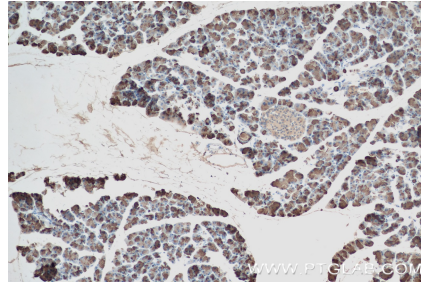
W: ptgcn.com

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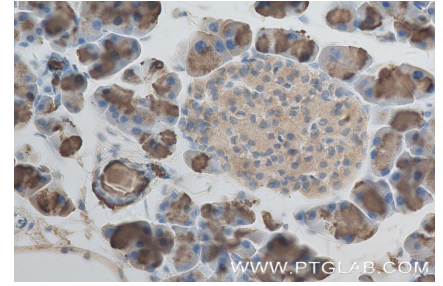
Selected Validation Data



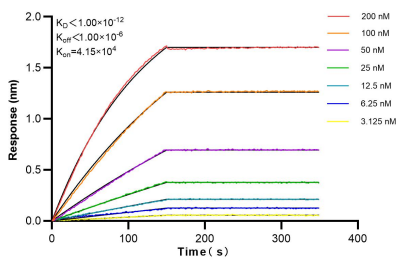
rat pancreas tissue were subjected to SDS PAGE followed by western blot with 84224-2-RR (CLPS antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 84224-2-RR (CLPS antibody) at dilution of 1:8000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 84224-2-RR (CLPS antibody) at dilution of 1:8000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 84224-2-RR against Human CLPS were performed. The affinity constant is below 1 pM.