

For Research Use Only

CLPS Polyclonal antibody

Catalog Number: 11766-1-AP



Basic Information

Catalog Number: 11766-1-AP	GenBank Accession Number: BC017897	Purification Method: Antigen affinity purification
Size: 350 ug/ml	GeneID (NCBI): 1208	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:200-1:800 IF-P 1:200-1:800
Source: Rabbit	UNIPROT ID: P04118	
Isotype: IgG	Full Name: colipase, pancreatic	
Immunogen Catalog Number: AG2321	Calculated MW: 12 kDa Observed MW: 12 kDa	

Applications

Tested Applications: WB, IHC, IF-P, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : mouse pancreas tissue, rat pancreas tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : rat pancreas tissue, mouse pancreas tissue
	IF-P : 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:

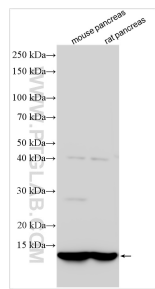
T: 4006900926

E: Proteintech-CN@ptglab.com

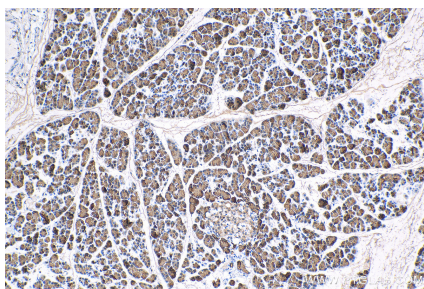
W: ptgcn.com

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

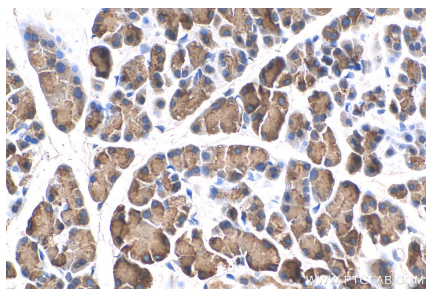
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11766-1-AP (CLPS antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat pancreas tissue slide using 11766-1-AP (CLPS antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat pancreas tissue slide using 11766-1-AP (CLPS antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse pancreas tissue using CLPS antibody (11766-1-AP) at dilution of 1:400 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).