

For Research Use Only

Pancreatic Polypeptide Polyclonal antibody



Catalog Number: 15493-1-AP **3 Publications**

Basic Information

Catalog Number: 15493-1-AP	GenBank Accession Number: BC032225	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 5539	Recommended Dilutions: IHC 1:1000-1:4000 IF 1:50-1:500
Source: Rabbit	UNIPROT ID: P01298	
Isotype: IgG	Full Name: pancreatic polypeptide	
Immunogen Catalog Number: AG7886	Calculated MW: 10 kDa	

Applications

Tested Applications: IF, FC, IHC, ELISA	Positive Controls: IHC : mouse pancreas tissue, IF : rat pancreas tissue, HepG2 cells
Cited Applications: IF, IHC	
Species Specificity: human, mouse, rat	
Cited Species: mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Notable Publications

Author	Pubmed ID	Journal	Application
Nader Goodarzi	38459816	Vet Med Sci	IF
Jiajun Sun	37963393	Diabetes	IF
M Honarpisheh	36685665	Transpl Int	IHC

Storage

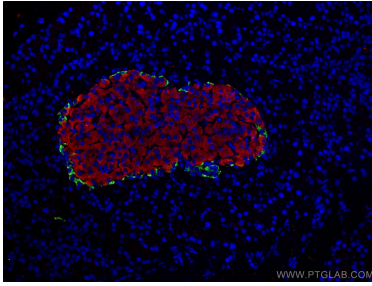
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

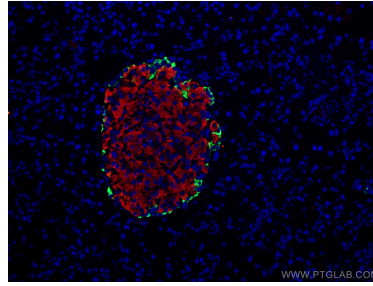
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

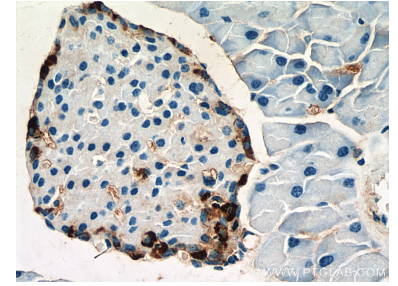
Selected Validation Data



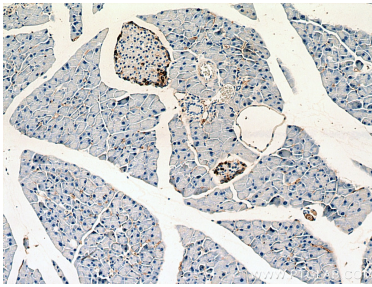
Immunofluorescent analysis of (4% PFA) fixed rat pancreas tissue using Pancreatic Polypeptide antibody (15493-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), Pancreatic Polypeptide antibody (15493-1-AP, green) stained on PP cells in rat pancreas islet. Glucagon antibody (67286-1-Ig, Clone: 2A8G1, red) stained on a cells in rat pancreas islet.



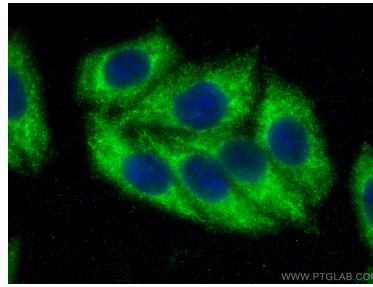
Immunofluorescent analysis of (4% PFA) fixed rat pancreas tissue using Pancreatic Polypeptide antibody (15493-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), Pancreatic Polypeptide antibody (15493-1-AP) (green) stained on PP cells in rat pancreas islet. Glucagon antibody (67286-1-Ig, Clone: 2A8G1, red) stained on a cells in rat pancreas islet.



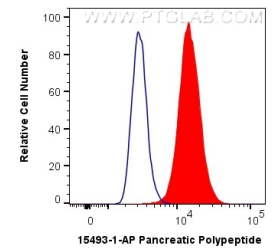
Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 15493-1-AP (Pancreatic Polypeptide antibody) at dilution of 1:2000 (under 40x Lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 15493-1-AP (Pancreatic Polypeptide antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using Pancreatic Polypeptide antibody (15493-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug Anti-Human Pancreatic Polypeptide (15493-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).