

For Research Use Only

# Pancreatic Polypeptide Polyclonal antibody



Catalog Number: 15493-1-AP

1 Publications

## Basic Information

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

## Applications

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

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
M Honarpisheh	36685665	Transpl Int	IHC

## Storage

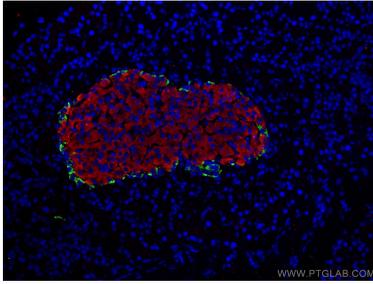
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

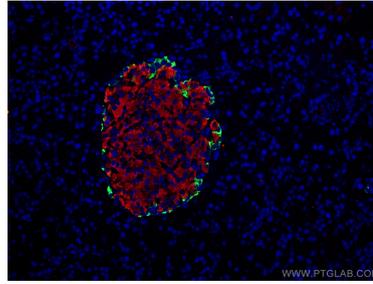
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

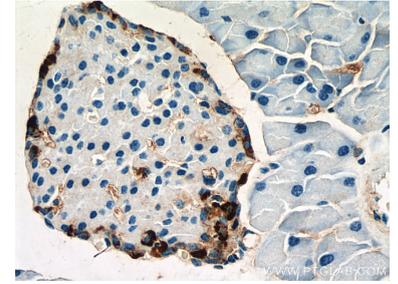
## Selected Validation Data



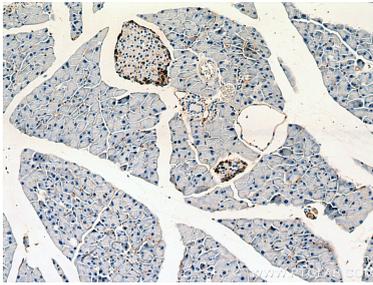
Immunofluorescent analysis of (4% PFA) fixed rat pancreas tissue using Pancreatic Polypeptide antibody (15493-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), Pancreatic Polypeptide antibody (15493-1-AP, green) stained on PP cells in rat pancreas islet. Glucagon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



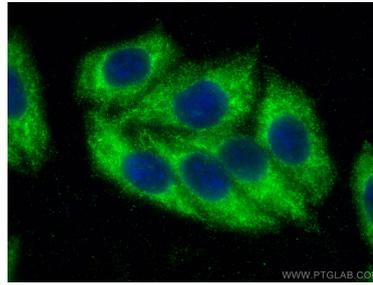
Immunofluorescent analysis of (4% PFA) fixed rat pancreas tissue using Pancreatic Polypeptide antibody (15493-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), Pancreatic Polypeptide antibody (15493-1-AP) (green) stained on PP cells in rat pancreas islet. Glucagon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



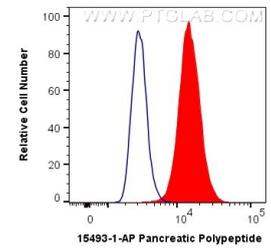
Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 15493-1-AP (Pancreatic Polypeptide antibody) at dilution of 1:2000 (under 40x Lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



$1 \times 10^6$  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).