

For Research Use Only

COPZ2 Polyclonal antibody

Catalog Number: 20351-1-AP

1 Publications



Basic Information

Catalog Number: 20351-1-AP	GenBank Accession Number: BC015924	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 750 ug/ml by Nanodrop;	GeneID (NCBI): 51226	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9P299	
Isotype: IgG	Full Name: coatomer protein complex, subunit zeta 2	
Immunogen Catalog Number: AG14184	Calculated MW: 210 aa, 24 kDa	

Applications

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

Background Information

Coatomer protein complex subunit zeta 2 (COPZ2) and Coatomer protein complex subunit zeta 1 (COPZ1) respectively encode a subunit of coatomer protein complex 1 (COPI). COPI is a secretory vesicle coat protein complex involved in the Golgi apparatus and endoplasmic reticulum traffic, endosome maturation, and autophagy (PMID: 21746916). This antibody recognizes COPZ2.

Notable Publications

Author	Pubmed ID	Journal	Application
Zhi Geng	39144445	Front Mol Neurosci	WB,IHC

Storage

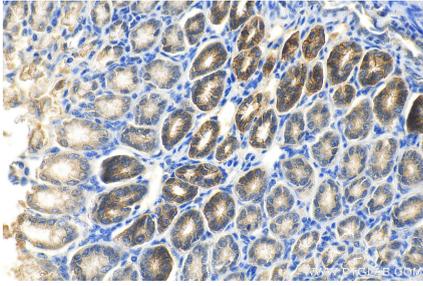
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

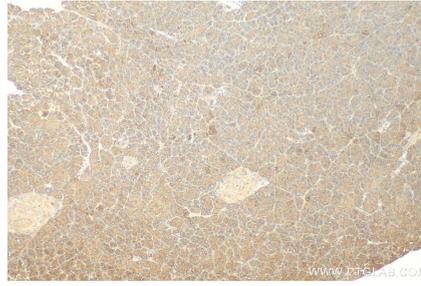
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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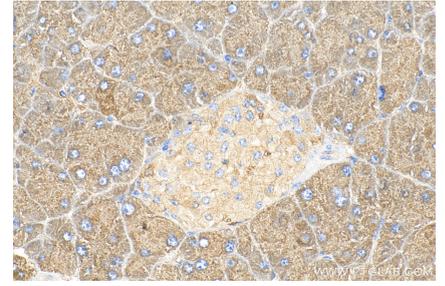
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 20351-1-AP (COPZ2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 20351-1-AP (COPZ2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 20351-1-AP (COPZ2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).