

For Research Use Only

# COPZ2 Polyclonal antibody

Catalog Number: 20351-1-AP

1 Publications



## Basic Information

Catalog Number:

20351-1-AP

Size:

150ul , Concentration: 750 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14184

GenBank Accession Number:

BC015924

GeneID (NCBI):

51226

UNIPROT ID:

Q9P299

Full Name:

coatomer protein complex, subunit zeta 2

Calculated MW:

210 aa, 24 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

## Applications

Tested Applications:

IHC, ELISA

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**

Positive Controls:

IHC : mouse pancreas tissue, mouse stomach tissue

## 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 (COP1). COP1 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

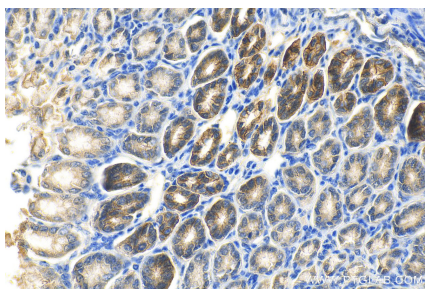
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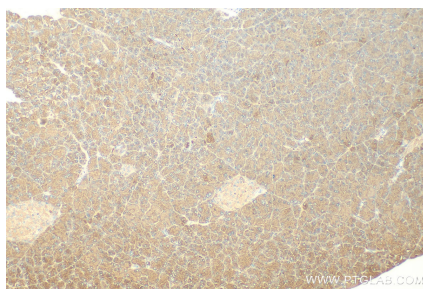
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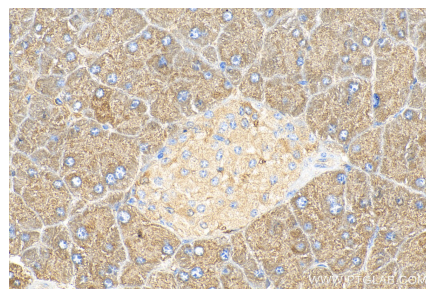
## Selected Validation Data



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).