

For Research Use Only

ZG16 Polyclonal antibody

Catalog Number: 17397-1-AP **1 Publications**



Basic Information

Catalog Number: 17397-1-AP	GenBank Accession Number: BC029149	Purification Method: Antigen affinity purification
Size: 400 µg/ml	GeneID (NCBI): 653808	Recommended Dilutions: WB 1:300-1:600 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	UNIPROT ID: O60844	
Isotype: IgG	Full Name: zymogen granule protein 16 homolog (rat)	
Immunogen Catalog Number: AG11332	Calculated MW: 167 aa, 18 kDa	
	Observed MW: 16 kDa	

Applications

Tested Applications:

IF-P, IHC, WB, ELISA

Cited Applications:

WB

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:

WB: human colon tissue, mouse colon tissue

IHC: mouse pancreas tissue, human pancreas tissue, mouse colon tissue, mouse small intestine tissue

IF: mouse small intestine tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Tae-Yoon Park	37438521	Nature	WB

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:

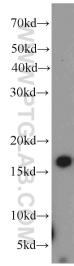
T: 4006900926

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.

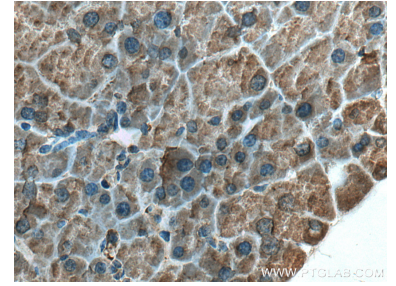
Selected Validation Data



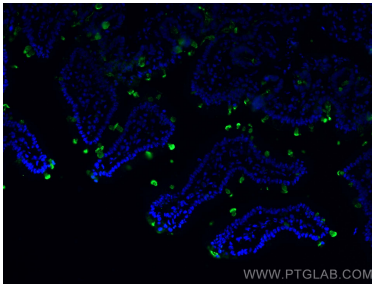
human colon tissue were subjected to SDS PAGE followed by western blot with 17397-1-AP (ZG16 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 17397-1-AP (ZG16 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 17397-1-AP (ZG16 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse small intestine tissue using ZG16 antibody (17397-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).