

For Research Use Only

GGCT Polyclonal antibody

Catalog Number: 16257-1-AP

9 Publications



Basic Information

Catalog Number:

16257-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 420 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9284

GenBank Accession Number:

BC019243

GeneID (NCBI):

79017

UNIPROT ID:

O75223

Full Name:

gamma-glutamyl cyclotransferase

Calculated MW:

188 aa, 21 kDa

Observed MW:

21-25 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, CoIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

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 : HeLa cells, U-937 cells, mouse kidney tissue, mouse liver tissue, human brain tissue, HepG2 cells, HEK-293 cells, Jurkat cells

IP : mouse kidney tissue,

IHC : mouse small intestine tissue,

IF/ICC : HeLa cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Lin Shen	36150660	Biochim Biophys Acta Mol Basis Dis	WB
Hui-Min Zhang	36233293	Int J Mol Sci	WB,IHC,CoIP
Kenneth N Maclean	29101223	FASEB J	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

*** 20ul sizes contain 0.1% BSA

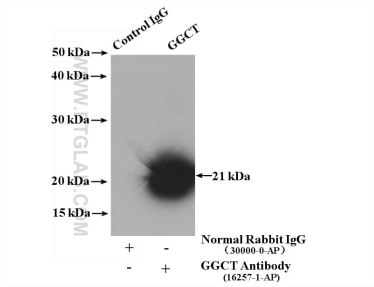
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

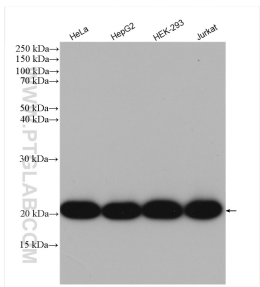
E: proteintech@ptglab.com
W: ptglab.com

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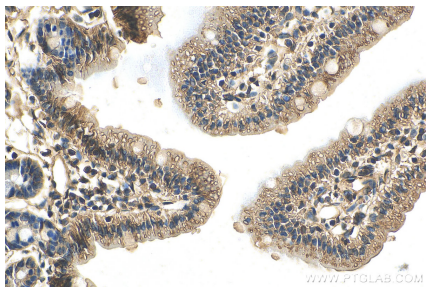
Selected Validation Data



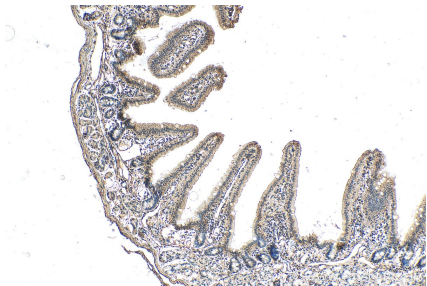
IP result of anti-GGCT (IP:16257-1-AP, 4ug; Detection:16257-1-AP 1:300) with mouse kidney tissue lysate 3000 ug.



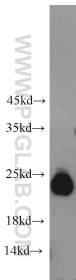
Various lysates were subjected to SDS PAGE followed by western blot with 16257-1-AP (GGCT antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



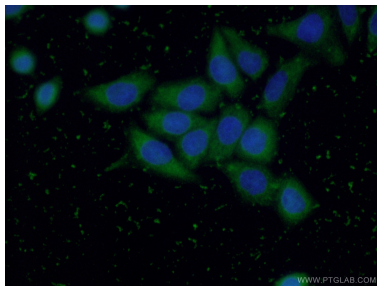
Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using 16257-1-AP (GGCT antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using 16257-1-AP (GGCT antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



human brain tissue were subjected to SDS PAGE followed by western blot with 16257-1-AP (GGCT antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 16257-1-AP (GGCT antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).