

For Research Use Only

GGTLC2 Polyclonal antibody

Catalog Number: 18191-1-AP



Basic Information

Catalog Number:

18191-1-AP

Concentration:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12911

GenBank Accession Number:

BC069534

GeneID (NCBI):

91227

UNIPROT ID:

Q14390

Full Name:

gamma-glutamyltransferase light chain 2

Calculated MW:

218 aa, 24 kDa

Observed MW:

24 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB: 786-O cells, human urine sample, human milk, mouse kidney tissue

Background Information

GGT is a protease anchored to the cell membrane, consisting of a light chain and a heavy chain. GGTLC2 (Glutathione hydrolase light chain 2), also known as GGT4, a constituent of the GGT family, has been characterized as an antioxidant gene, with emerging evidence indicating a potential link between its expression levels and sarcoma patient outcome (PMID: 40191433). Studies have shown that GGTLC2 is highly expressed in gastric cancer, promoting cell proliferation, invasion, and migration while inhibiting apoptosis and ferroptosis.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

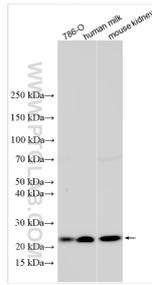
T: 4006900926

E: Proteintech-CN@ptglab.com

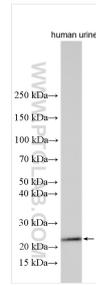
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 18191-1-AP (GGTLC2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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