

For Research Use Only

GGTLC2 Polyclonal antibody, PBS Only

Catalog Number: 18191-1-PBS



Basic Information

Catalog Number:

18191-1-PBS

Concentration:

1 mg/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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

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 GGTL4, 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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

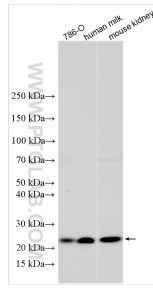
T: 4006900926

E: Proteintech-CN@ptglab.com

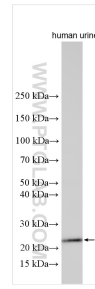
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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. This data was developed using the same antibody clone with 18191-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 18191-1-PBS in a different storage buffer formulation.