

For Research Use Only

GGTLC1 Recombinant antibody

Catalog Number: 83392-3-RR



Basic Information

Catalog Number:

83392-3-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11592

GenBank Accession Number:

BC040904

GeneID (NCBI):

92086

UNIPROT ID:

Q9BX51

Full Name:

gamma-glutamyltransferase light chain 1

Calculated MW:

225 aa, 24 kDa

Observed MW:

20-24 kDa

Purification Method:

Protein A purification

CloneNo.:

240297D9

Recommended Dilutions:

WB 1:500-1:3000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : HepG2 cells, L02 cells, human urine

Background Information

Gamma-glutamyltransferase light chain 1 (GGTLC1), initially named GGT6, then GGT4, and later GGTLC1 in 2008, is a member of the gamma-glutamyl transferase (GGT) family. The most ubiquitously expressed human GGT gene, GGT1, encodes a single transmembrane polypeptide that is post-translationally processed to form a heavy and a light chain. Knockdown of GGTLC1 in Endometrial cancer (EC) cells was shown to induce G0/G1 phase arrest and apoptosis, underscoring the significance of GGTLC1 as a key regulator of these cellular processes in EC (PMID: 38841516).

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:

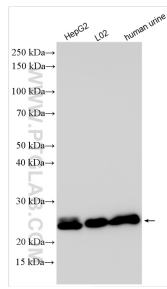
T: 4006900926

E: Proteintech-CN@ptglab.com

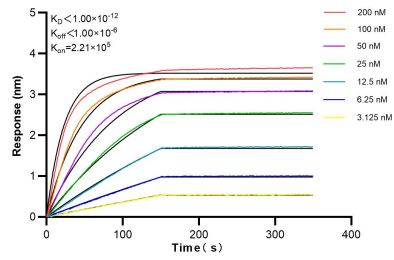
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83392-3-RR (GGTL1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83392-3-RR against Human GGTL1 were performed. The affinity constant is below 1 pM.