For Research Use Only

GPX8 Recombinant monoclonal antibody

Catalog Number:85120-1-RR

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
85120-1-RR

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG9930

GenBank Accession Number:
BC029424

GeneID (NCBI):
493869

UNIPROT ID:
Q8TED1

Full Name:
glutathione peroxidase 8 (putative)

Calculated MW:
209 aa, 24 kDa

Observed MW:
24 kDa

Purification Method:
Protein A purification

CloneNo.:
242769C6

Recommended Dilutions:
WB: 1:5000-1:50000
IHC: 1:1250-1:5000

Applications

Tested Applications:
WB, IHC, ELISA

Species Specificity:
human, mouse, rat

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, HEK-293 cells, U-87 MG cells, U2OS cells, NIH/3T3 cells, rat uterus tissue

IHC : human stomach tissue,

Background Information

GPX8(Probable glutathione peroxidase 8) is also named as GSHPx-8 and belongs to the glutathione peroxidase family. Glutathione peroxidase (GPx) reduces hydroperoxides, including hydrogen peroxides, in the presence of reduced glutathione as a means of protecting organisms from oxidative damage. Several GPx isozymes have been identified in animal cells and these have been classified into different groups according to their cellular location and substrate specificity. In humans, eight types of GPx have been identified from GPx1 to GPx8. The full length GPX8 has 209 amino acids and the molecular weight is 24 kDa.

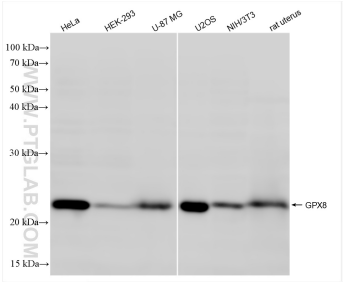
Storage

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

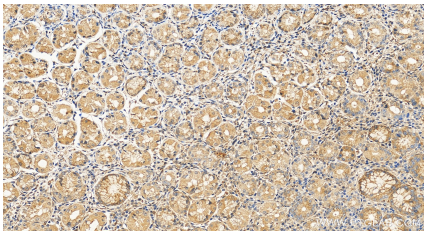
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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 85120-1-RR (GPX8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 85120-1-RR (GPX8 antibody) at dilution of 1:2500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).