

GPX7 antibody

Cat. No. GTX108578

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P, IP
Reactivity	Human, Mouse

References (4)

★★★★★ Review (1)

Package

100 µl, 25 µl

PRODUCT

Summary

GPX7 antibody detects glutathione peroxidase 7 (GPX7), a secreted enzyme with a predicted molecular weight of ~21 kDa. GPX7 serves as a stress sensor and regulates several genes involved in reactive oxygen species (ROS)-induced DNA damage.

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution Recommended dilution

WB	1:500-1:3000
IHC-P	1:100-1:1000
IP	Assay dependent

Note : Recommend using PVDF membrane.

Not tested in other applications.

Calculated MW 21 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.26 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein corresponding to human GPX7
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



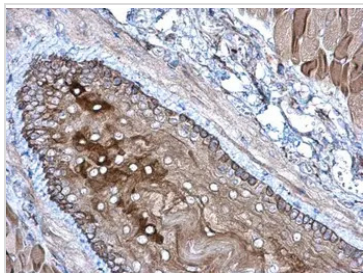
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Note

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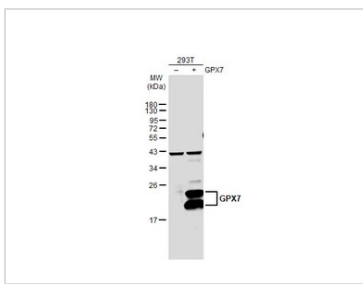
DATA IMAGES



GTX108578 IHC-P Image

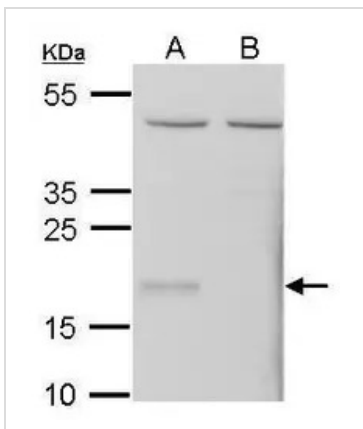
GPX7 antibody detects GPX7 protein at cytoplasm on mouse esophagus by immunohistochemical analysis.
 Sample: Paraffin-embedded mouse esophagus.
 GPX7 antibody (GTX108578) diluted at 1:500.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



GTX108578 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with GPX7 antibody (GTX108578) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX108578 WB Image

Sample (20 ug of whole cell lysate)

A: Mouse embryonic fibroblast (WT)

B: Mouse embryonic fibroblast(Gpx7 -/-)

12% SDS PAGE

GTX108578 diluted at 1:1000



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