

GPX2 Polyclonal Antibody

Catalog Number PA1-32493

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Goat / IgG	Tested Applications	
Class	Polyclonal	Western Blot (WB)	Dilution *
Type	Antibody	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	synthetic peptide SLDGEKVDFN, corresponding to C terminal amino acids 15-24 of Human Glutathione Peroxidase 2		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.5 mg/mL		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: The peptide used to generate this antibody is available for purchase (GTX56140-PEP).. Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

This gene is a member of the glutathione peroxidase family and encodes a selenium-dependent glutathione peroxidase that is one of two isoenzymes responsible for the majority of the glutathione-dependent hydrogen peroxide-reducing activity in the epithelium of the gastrointestinal tract. Studies in knockout mice indicate that mRNA expression levels respond to luminal microflora, suggesting a role of the ileal glutathione peroxidases in preventing inflammation in the GI tract.

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Product Images For GPX2 Polyclonal Antibody



GPX2 Antibody (PA1-32493) in WB
Western Blot analysis of GPX2 was performed by loading 30 µg (in RIPA buffer) of human liver lysates. Proteins were transferred to a membrane and probed with a GPX2 Polyclonal Antibody (Product # PA1-32493) at a dilution of 0.5 µg /mL.

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