

GPX2 antibody - middle region (ARP42018_P050)

Data Sheet


Product Number	ARP42018_P050
Product Name	GPX2 antibody - middle region (ARP42018_P050)
Size	50ug
Gene Symbol	GPX2
Alias Symbols	GI-GPx; GPRP; GSHPX-GI; GSHPx-2; GPx-2; GPRP-2; GPx-GI
Nucleotide Accession#	NM_002083
Protein Size (# AA)	190 amino acids
Molecular Weight	22kDa
Product Format	Lyophilized powder
NCBI Gene Id	2877
Host	Rabbit
Clonality	Polyclonal
Official Gene Full Name	Glutathione peroxidase 2 (gastrointestinal)
Description	This is a rabbit polyclonal antibody against GPX2. It was validated on Western Blot by Aviva Systems Biology. At Aviva Systems Biology we manufacture rabbit polyclonal antibodies on a large scale (200-1000 products/month) of high throughput manner. Our antibodies are peptide based and protein family oriented. We usually provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire ().
Peptide Sequence	Synthetic peptide located within the following region: GGGYQPTFTLVQKCEVNGQNEHPVFAYLKDKLPYPYDDPFSLMTDPKLI
Description of Target	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.
Partner Proteins	GPX2
Reconstitution and Storage	Add 50 ul of distilled water. Final anti-GPX2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20C. Avoid repeat freeze-thaw cycles.
Lead Time	Domestic: within 24 hours delivery International: 3-5 business days
Blocking Peptide	For anti-GPX2 antibody is Catalog # AAP42018 (Previous Catalog # AAP511511)
Immunogen	The immunogen for anti-GPX2 antibody: synthetic peptide directed towards the middle region of human GPX2
Swissprot Id	P18283
Protein Name	Glutathione peroxidase 2
Sample Type Confirmation	GPX2 is supported by BioGPS gene expression data to be expressed in HepG2
Protein Accession #	NP_002074
Purification	Affinity Purified
Species Reactivity	Pig, Bovine, Human, Rat, Mouse, Dog, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Dog: 93%; Zebrafish: 91%
	<div> <div>Human HepG2</div> <div>  <div>90 kDa</div> </div> </div> <div> WB Suggested Anti-GPX2 Antibody Titration: 0.2-1 μg/ml </div>

Image 1



ELISA Titer: 1:62500
Positive Control: HepG2 cell lysate

GPX2 is supported by BioGPS gene expression data to be expressed in HepG2

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.