



Human GPX2 blocking peptide (CDBP1381)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Glutathione peroxidase 2 (Int) antibody
Antigen Description	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. The protein encoded by this locus contains a selenocysteine (Sec) residue encoded by the UGA codon, which normally signals translation termination. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2012]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	GPX2 glutathione peroxidase 2 (gastrointestinal) [Homo sapiens (human)]
Official Symbol	GPX2
Synonyms	GPX2; glutathione peroxidase 2 (gastrointestinal); GPRP; GPx-2; GI-GPx; GPRP-2; GPx-GI; GSHPx-2; GSHPX-GI; glutathione peroxidase 2; gastrointestinal glutathione peroxidase;

glutathione peroxidase-related protein 2;

Entrez Gene ID	2877
mRNA Refseq	NM_002083.3
Protein Refseq	NP_002074.2
UniProt ID	P18283
Chromosome Location	14q24.1
Pathway	Arachidonic acid metabolism, organism-specific biosystem; Arachidonic acid metabolism, organism-specific biosystem; Arachidonic acid metabolism, conserved biosystem; Cellular responses to stress, organism-specific biosystem; Detoxification of Reactive Oxygen Species, organism-specific biosystem; Folate Metabolism, organism-specific biosystem; Glutathione metabolism, organism-specific biosystem; Glutathione metabolism, organism-specific biosystem; Glutathione metabolism, conserved biosystem; Meta
Function	electron carrier activity; glutathione peroxidase activity;