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Datasheet for ABIN1885828

anti-Glutathione Peroxidase 2 antibody (AA 1-24)

Overview

Quantity:	100 µL
Target:	Glutathione Peroxidase 2 (GPX2)
Binding Specificity:	AA 1-24
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glutathione Peroxidase 2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide contain a sequence corresponding to a region within amino acids 1 and 24 of Glutathione Peroxidase 2
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	Glutathione Peroxidase 2 (GPX2)
Alternative Name:	Glutathione Peroxidase 2 (GPX2 Products)
Background:	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

Target Details

	to luminal microflora, suggesting a role of the ileal glutathione peroxidases in preventing inflammation in the GI tract.[provided by RefSeq]
Molecular Weight:	22 kDa
Gene ID:	2877
NCBI Accession:	NM_002083 , NP_002074
Pathways:	Thyroid Hormone Synthesis

Application Details

Application Notes:	Suggested dilutions: Western blotting: 1.100-1.1000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	1 x PBS, 1 % BSA, 20 % Glycerol (pH 7.0).0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	Biohazard Informations: This product contains thimerosal which is hazardous.
Storage:	4 °C/-20 °C
Storage Comment:	Store at -20 °C for long term preservation (recommended). Store at 4 °C for short term use.