

GPX3 Polyclonal Antibody

Catalog No: #27854

Package Size: #27854-1 50ul #27854-2 100ul

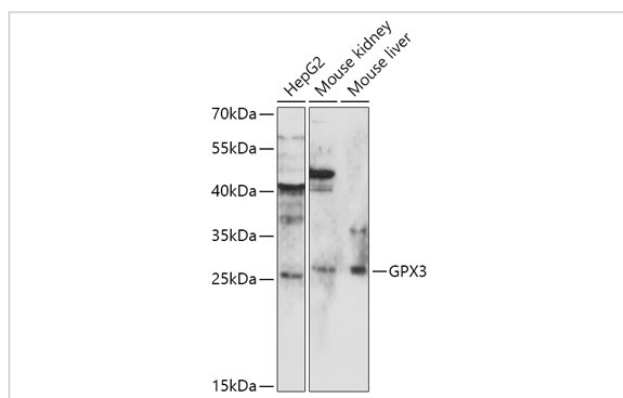
Description

Product Name	GPX3 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant protein of human GPX3.
Conjugates	Unconjugated
Other Names	GPX3; GPx-P; GSHPx-3; GSHPx-P; glutathione peroxidase 3
Accession No.	Swiss-Prot#:P22352NCBI Gene ID:2878
Calculated MW	25kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

Application Details

WB □ 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using GPX3 at 1:1000 dilution.

Background

This gene product belongs to the glutathione peroxidase family, which functions in the detoxification of hydrogen peroxide. It contains a selenocysteine (Sec) residue at its active site. The selenocysteine is encoded by the UGA codon, which normally signals translation termination. The 3' UTR of Sec-containing genes have a common stem-loop structure, the sec insertion sequence (SECIS), which is necessary for the recognition of UGA as a Sec codon rather than as a stop signal.

Published Papers

el at., Dissecting gastric cancer heterogeneity and exploring therapeutic strategies using bulk and single-cell transcriptomic analysis and experimental validation of tumor microenvironment and metabolic interplay. In Front Pharmacol on 2024 Jun 19 by XianTao Lin, Ping Yang,et al..PMID:38962317, , (2024)

[PMID:38962317](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.