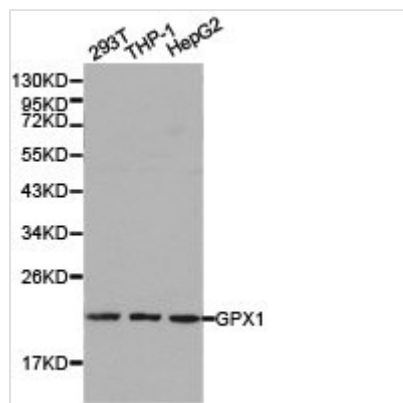




GPX1 Antibody

Product Code	CSB-PA009866KA01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P07203
Immunogen	Recombinant protein of Human GPX1
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Tested Applications	ELISA,WB,IHC;WB:1:500-1:2000,IHC:1:50-1:200
Storage Buffer	Store at -20°C or -80°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purification Method	Affinity purification
Isotype	IgG
Alias	GPX1; GSHPX1; MGC14399; MGC88245
Product Type	Rabbit Anti Human PolyClonal Antibody
Immunogen Species	Homo sapiens (Human)
Research Area	Cancer
Intended Use	For research use only. Not for human, diagnostic or therapeutic use.
Target Names	GPX1

Image



Western blot analysis of extracts of various cell lines, using GPX1 antibody.

Target Details

This gene encodes a member of the glutathione peroxidase family. Glutathione peroxidase functions in the detoxification of hydrogen peroxide, and is one of the most important antioxidant enzymes in humans. This protein is one of only a few proteins known in higher vertebrates to contain selenocysteine, which occurs at the active site of glutathione peroxidase and is coded by UGA, that normally functions as a translation termination codon. In addition, this protein is characterized in a polyalanine sequence polymorphism in the N-terminal region, which includes three alleles with five, six or seven alanine (ALA) repeats in this sequence. The allele with five ALA repeats is significantly associated with breast



cancer risk. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Usage

For Research Use Only. Not for use in diagnostic or therapeutic procedures.