

GPX3 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11221c**Specification**

GPX3 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [P22352](#)**GPX3 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 2878**Other Names**

Glutathione peroxidase 3, GPx-3, GSHPx-3, Extracellular glutathione peroxidase, Plasma glutathione peroxidase, GPx-P, GSHPx-P, GPX3, GPXP

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GPX3 Antibody (Center) Blocking peptide - Protein Information**Name** GPX3 ([HGNC:4555](#))**Synonyms** GPXP**Function**

Protects cells and enzymes from oxidative damage, by catalyzing the reduction of hydrogen peroxide, lipid peroxides and organic hydroperoxide, by glutathione.

Cellular Location

Secreted.

Tissue Location

Secreted in plasma.

GPX3 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

GPX3 Antibody (Center) Blocking peptide - Images**GPX3 Antibody (Center) Blocking peptide - 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. This 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.

GPX3 Antibody (Center) Blocking peptide - References

Wang, J.Y., et al. Clin. Chim. Acta 411 (19-20), 1432-1436 (2010) :Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Fullerton, J.M., et al. Bipolar Disord 12(5):550-556(2010) Wang, Y., et al. J. Hum. Genet. 55(8):490-494(2010) Mistry, H.D., et al. Placenta 31(5):401-408(2010)