

GPX8 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16753b**Specification**

GPX8 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q8TED1](#)**GPX8 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 493869**Other Names**

Probable glutathione peroxidase 8, GPx-8, GSHPx-8, GPX8

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.

GPX8 Antibody (C-term) Blocking Peptide - Protein Information**Name** GPX8**Cellular Location**

Membrane; Single-pass membrane protein

GPX8 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GPX8 Antibody (C-term) Blocking Peptide - Images**GPX8 Antibody (C-term) Blocking Peptide - Background**

GPX8 belongs to the glutathione peroxidase family. Glutathione peroxidase is an enzyme whose principal function is to protect against damage from endogenously-formed hydroxyperoxides, catalysing the reduction of hydroxyperoxides by glutathione. Several forms of the enzyme are known. It has a catalytic activity of $2 \text{ glutathione} + \text{H}_2\text{O}_2 = \text{glutathione disulfide} + 2 \text{H}_2\text{O}$.

GPX8 Antibody (C-term) Blocking Peptide - References

Toppo, S., et al. Antioxid. Redox Signal. 10(9):1501-1514(2008)Lamesch, P., et al. Genomics 89(3):307-315(2007)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)