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GLRX Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP14007c

Specification

GLRX Antibody (Center) Blocking peptide - Product Information

Primary Accession P35754

GLRX Antibody (Center) Blocking peptide - Additional Information

Gene ID 2745

Other Names
Glutaredoxin-1, Thioltransferase-1, TTase-1, GLRX, GRX

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP14007c was selected from the Center region of GLRX. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

GLRX Antibody (Center) Blocking peptide - Protein Information

Name GLRX

Synonyms GRX

Function
Has a glutathione-disulfide oxidoreductase activity in the presence of NADPH and glutathione reductase. Reduces low molecular weight disulfides and proteins.

Cellular Location
Cytoplasm.

GLRX Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

GLRX Antibody (Center) Blocking peptide - Images

GLRX Antibody (Center) Blocking peptide - Background

GLRX has a glutathione-disulfide oxidoreductase activity in the presence of NADPH and glutathione reductase. Reduces low molecular weight disulfides and proteins.

GLRX Antibody (Center) Blocking peptide - References

Singleton, W.C., et al. J. Biol. Chem. 285(35):27111-27121(2010)Engstrom, K.S., et al. Mutat. Res. 683 (1-2), 98-105 (2010) :Johnson, M.P., et al. Hum. Genet. 126(5):655-666(2009)Lancel, S., et al. Circ. Res. 104(6):720-723(2009)Starr, J.M., et al. Mech. Ageing Dev. 129(12):745-751(2008)