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GLO1 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12898c

Specification

GLO1 Antibody (Center) Blocking peptide - Product Information

Primary Accession Q04760

GLO1 Antibody (Center) Blocking peptide - Additional Information

Gene ID 2739

Other Names
Lactoylglutathione lyase, Aldoketomutase, Glyoxalase I, Glx I, Ketone-aldehyde mutase, Methylglyoxalase, S-D-lactoylglutathione methylglyoxal lyase, GLO1

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.

GLO1 Antibody (Center) Blocking peptide - Protein Information

Name GLO1

Function
Catalyzes the conversion of hemimercaptal, formed from methylglyoxal and glutathione, to S-lactoylglutathione. Involved in the regulation of TNF-induced transcriptional activity of NF-kappa-B. Required for normal osteoclastogenesis.

GLO1 Antibody (Center) Blocking peptide - Background

The enzyme encoded by this gene is responsible for thecatalysis and formation of S-lactoyl-glutathione from methylglyoxalcondensation and reduced glutatione. Glyoxalase I is linked to HLAand is localized to 6p21.3-p21.1, between HLA and the centromere.

GLO1 Antibody (Center) Blocking peptide - References

Saus, E., et al. J Psychiatr Res 44(14):971-978(2010)Naidu, R., et al. Pathol. Int. 60(9):614-620(2010)Santarius, T., et al. Genes Chromosomes Cancer 49(8):711-725(2010)Kovanen, L., et al. Alcohol Alcohol. 45(4):303-311(2010)Krechler, T., et al. Clin. Biochem. 43 (10-11), 882-886 (2010) :

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GLO1 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides