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GRHPR Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP7331c

Specification

GRHPR Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q9UBQ7

GRHPR Antibody (Center) Blocking Peptide - Additional Information

Gene ID 9380

Other Names
Glyoxylate reductase/hydroxypyruvate reductase, GRHPR, GLXR

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7331c was selected from the Center region of human GRHPR. 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.

GRHPR Antibody (Center) Blocking Peptide - Protein Information

Name GRHPR

Synonyms GLXR

Function
Enzyme with hydroxy-pyruvate reductase, glyoxylate reductase and D-glycerate dehydrogenase enzymatic activities. Reduces hydroxypyruvate to D-glycerate, glyoxylate to glycolate, oxidizes D-glycerate to hydroxypyruvate.

Tissue Location
Ubiquitous. Most abundantly expressed in the liver.

GRHPR Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

GRHPR Antibody (Center) Blocking Peptide - Images

GRHPR Antibody (Center) Blocking Peptide - Background

GRHPR is an enzyme with hydroxypyruvate reductase, glyoxylate reductase, and D-glycerate dehydrogenase enzymatic activities. The protein has widespread tissue expression and has a role in metabolism.

GRHPR Antibody (Center) Blocking Peptide - References

Levin-Iaina,N., Dinour,D. J. Urol. (2009) In pressTakayama,T., Nagata,M. Nephrol. Dial. Transplant. 22 (8), 2371-2374 (2007)Webster,K.E., Ferree,P.M. Hum. Genet. 107 (2), 176-185 (2000)Cramer,S.D., Ferree,P.M. Hum. Mol. Genet. 8 (11), 2063-2069 (1999)