

# GRHPR Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21687a

## Product Information

Application	WB, E
Primary Accession	<a href="#">Q9UBQ7</a>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB48761
Calculated MW	35668

## Additional Information

Gene ID	9380
Other Names	Glyoxylate reductase/hydroxypyruvate reductase, GRHPR, GLXR
Target/Specificity	This GRHPR antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 21-54 amino acids from the N-terminal region of human GRHPR.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	GRHPR Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## 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.

**Background**

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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.

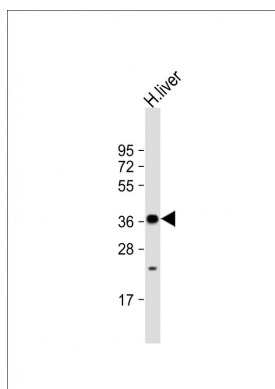
**References**

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Rumsby G.,et al.Biochim. Biophys. Acta 1446:383-388(1999).  
Cramer S.D.,et al.Hum. Mol. Genet. 8:2063-2069(1999).  
Liu B.,et al.Submitted (DEC-1998) to the EMBL/GenBank/DDBJ databases.  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Humphray S.J.,et al.Nature 429:369-374(2004).

**Images**

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Anti-GRHPR Antibody (N-term) at 1:2000 dilution + human liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 36 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.