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GRHPR Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21687a

Product Information

Application	WB, E
Primary Accession	Q9UBQ7
Reactivity	Human
Predicted	Canine, Rabbit
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.

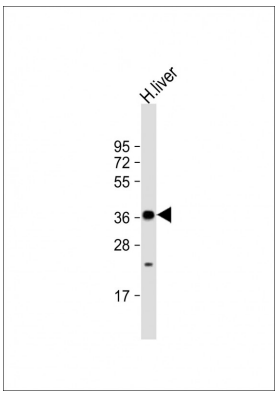
Background

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

Rumsby G.,et al.Biochim. Biophys. Acta 1446:383-388(1999).
Cramer S.D.,et al.Hum. Mol. Genet. 8:2063-2069(1999).
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Ota T.,et al.Nat. Genet. 36:40-45(2004).
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Images



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'.