

GRHPR Polyclonal antibody

Catalog Number: 51013-2-AP

Basic Information

Catalog Number:

51013-2-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0484

GenBank Accession Number:

BC000605

GeneID (NCBI):

9380

UNIPROT ID:

Q9UBQ7

Full Name:glyoxylate
reductase/hydroxypyruvate reductase**Calculated MW:**

328 aa, 36 kDa

Observed MW:

36 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

WB : mouse liver tissue, human liver tissue, L02 cells,
MCF-7 cells

IHC : human liver tissue, human ovary tumor tissue

Background Information

GRHPR (Glyoxylate reductase/hydroxypyruvate reductase) is also named as GLXR and belongs to the D-isomer specific 2-hydroxyacid dehydrogenase family. The GRHPR gene encodes a predicted 328-amino acid protein with a calculated molecular mass of 35.5 kD. It has glyoxylate reductase (GR), hydroxypyruvate reductase (HPR) and D-glycerate dehydrogenase (DGDH) activities (PMID:16597637). Defects in GRHPR are the cause of hyperoxaluria primary type 2 (HP2) (PMID: 10484776). It can exist as a homodimer (PMID:16756993).

Storage

Storage:

Store at -20°C.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

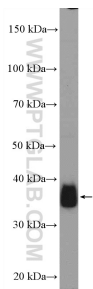
T: 4006900926

E: Proteintech-CN@ptglab.com

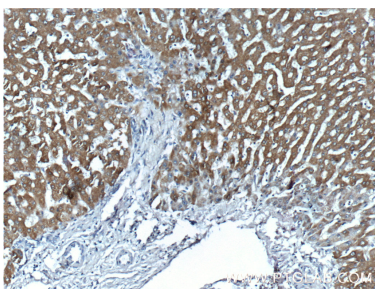
W: ptgcn.com

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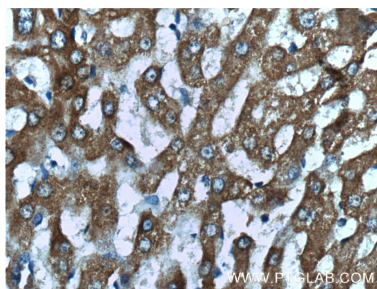
Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 51013-2-AP (GRHPR Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 51013-2-AP (GRHPR Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 51013-2-AP (GRHPR Antibody) at dilution of 1:200 (under 40x lens).