GRHPR Rabbit pAb

CatalogNo: YT6566

Key Features

Host Species	Reactivity	Applications
• Rabbit	• Human,Mouse	• WB

MW	Isotype
• 36kD (Calculated)	• IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from human GRHPR AA range: 151-201
Specificity	This antibody detects endogenous levels of GRHPR at Human/Mouse

Target Information

Gene name	GRHPR GLXR MSTP035

Protein Name GRHPR

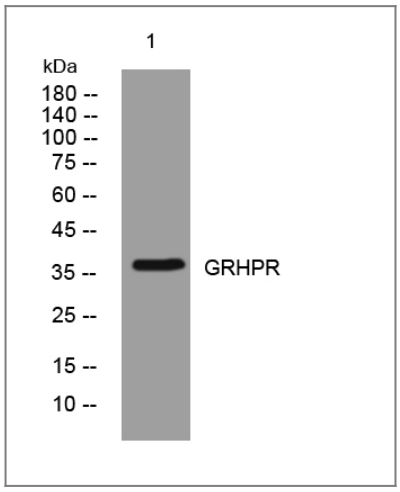
Organism	Gene ID	UniProt ID
Human	9380;	Q9UBQ7;
Mouse	76238;	Q91Z53;

Cellular Localization cytoplasm,peroxisomal matrix,cytosol,extracellular exosome,

Tissue specificity Ubiquitous. Most abundantly expressed in the liver.

Function Catalytic activity:Glycolate + NADP(+) = glyoxylate + NADPH.,Disease:Defects in GRHPR are the cause of hyperoxaluria primary type II (HP2) [MIM:260000]; also known as primary hyperoxaluria type II (PH2). HP2 is a disorder where the main clinical manifestation is calcium oxalate nephrolithiasis though chronic as well as terminal renal insufficiency has been described. It is characterized by an elevated urinary excretion of oxalate and L-glycerate.,Function:Enzyme with hydroxy-pyruvate reductase, glyoxylate reductase and D-glycerate dehydrogenase enzymatic activities.,similarity:Belongs to the D-isomer specific 2-hydroxyacid dehydrogenase family.,subunit:Monomer.,tissue specificity:Ubiquitous. Most abundantly expressed in the liver.,

Validation Data



Western blot analysis of lysates from Jurkat cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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Please scan the QR code to access additional product information:
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