

Rabbit GRHPR Polyclonal Antibody | anti-GRHPR antibody

GRHPR antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199914	Rabbit	Dog, Horse, Human, Pig, Rabbit, Rat	Western Blot, Immunohistochemistry

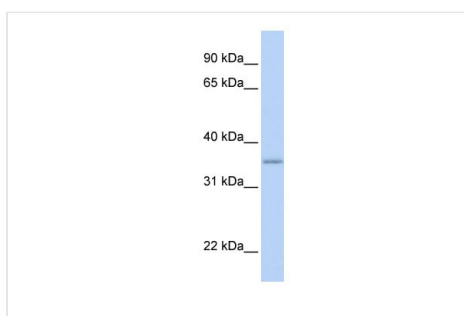
PRODUCT SYNONYMS

GRHPR; Polyclonal Antibody; GRHPR antibody - N-terminal region; anti-GRHPR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Horse, Human, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EP IPAKELERGV AGAHGLLCLL SDHVDKRILD AAGANLKVIS TMSVGIDH
Sequence Length	328
Applicable Applications for anti-GRHPR antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Dog: 100%; Horse: 86%; Human: 100%; Pig: 79%; Rabbit: 93%; Rat: 91%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human GRHPR
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

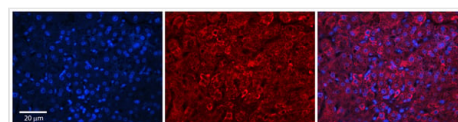
IMAGES



WB (Western Blot)

WB Suggested Anti-GRHPR Antibody Titration: 0.2-1 ug/mL ELISA Titer: 1:312500 Positive

Control: Human Liver



IHC (Immunohistochemistry)

Rabbit Anti-GRHPR Antibody Formalin Fixed Paraffin Embedded Tissue: Human Adult Liver
Observed Staining: Cytoplasm in hepatocytes, strong signal, wide tissue distribution
Primary Antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec
Protocol located in Reviews and Data.

ADDITIONAL INFORMATION

Related Product Information for anti-GRHPR antibody	This is a rabbit polyclonal antibody against GRHPR. It was validated on Western Blot using a cell lysate as a positive control. Target Description: GRHPR is an enzyme with hydroxypyruvate reductase, glyoxylate reductase, and D-glycerate dehydrogenase enzymatic activities. The enzyme has widespread tissue expression and has a role in metabolism. Type II hyperoxaluria is caused by mutations in this gene. This gene encodes an enzyme with hydroxypyruvate reductase, glyoxylate reductase, and D-glycerate dehydrogenase enzymatic activities. The enzyme has widespread tissue expression and has a role in metabolism. Type II hyperoxaluria is caused by mutations in this gene. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-GRHPR antibody	Polyclonal; Drugs and Drug Metabolism; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912396
NCBI GeneID	9380
NCBI Accession #	NP_036335
NCBI GenBank Nucleotide #	NM_012203
UniProt Accession #	Q9UBQ7
Molecular Weight	36kDa
NCBI Official Full Name	glyoxylate reductase/hydroxypyruvate reductase
NCBI Official Synonym Full Names	glyoxylate and hydroxypyruvate reductase
NCBI Official Symbol	GRHPR
NCBI Official Synonym Symbols	PH2; GLXR; GLYD
NCBI Protein Information	glyoxylate reductase/hydroxypyruvate reductase
UniProt Protein Name	Glyoxylate reductase/hydroxypyruvate reductase
UniProt Gene Name	GRHPR
UniProt Synonym Gene Names	GLXR
UniProt Entry Name	GRHPR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/grhpr-antibody-western-blot-immunohistochemistry-elisa/199914>