

GRHPR rabbit monoclonal antibody

Catalog # H00009380-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GRHPR peptide using ARM Technology.
Immunogen	A synthetic peptide of human GRHPR is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human GRHPR peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — GRHPR

Entrez GeneID	9380
GeneBank Accession#	GRHPR
Gene Name	GRHPR
Gene Alias	GLXR, GLYD, PH2
Gene Description	glyoxylate reductase/hydroxypyruvate reductase
Omim ID	260000 604296
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme with hydroxypyruvate reductase, glyoxylate reductase, and D-glycylglyoxylate 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. [provided by RefSeq]
Other Designations	OTTHUMP00000046131 glycerate-2-dehydrogenase

Pathway

- [Glyoxylate and dicarboxylate metabolism](#)
- [Metabolic pathways](#)
- [Pyruvate metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hyperoxaluria](#)