

Product Name: KD-Validated GRHPR Mouse Monoclonal Antibody**Catalog #: KVA00668**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000
Molecular Weight	Calculated MW: 35.7kDa

Antigen Information

Gene Name	GRHPR
Alternative Names	GRHPR; Glyoxylate And Hydroxypyruvate Reductase; Glyoxylate Reductase/Hydroxypyruvate Reductase; GLXR; PH2; Glyoxylate Reductase And Hydroxypyruvate Reductase; Epididymis Secretory Sperm Binding Protein; Primary Hyperoxaluria Type 2; Glycerate-2-Dehydrogenase; EC 1.1.1.79; EC 1.1.1.81; GLYD
Gene ID	9380.0
SwissProt ID	Q9UBQ7
Immunogen	Recombinant protein of human GRHPR

Background

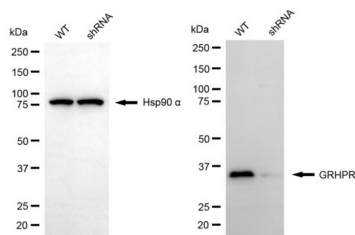
This gene encodes an enzyme with hydroxypyruvate reductase, glyoxylate reductase, and D-glycerate dehydrogenase

enzymatic activities. The enzyme has widespread tissue expression and has a role in metabolism. Type II hyperoxaluria is caused by mutations in this gene. [provided by RefSeq, Jul 2008]

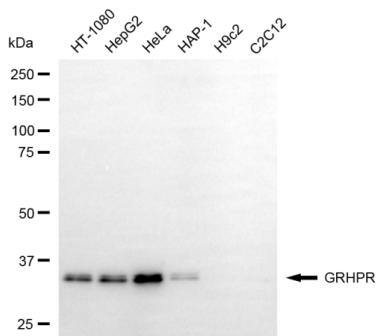
Research Area

Signal Transduction, Metabolism

Image Data



Western blotting analysis using GRHPR antibody (KVA00668). GRHPR expression in wild type (WT) and GRHPR shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with GRHPR antibody (KVA00668, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using GRHPR antibody (KVA00668). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with GRHPR antibody (KVA00668, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.