Datasheet for ABIN952717

anti-GFER antibody (C-Term)

2 Images

Go to Product page

Overview

Quantity:	0.4 mL
Target:	GFER
Binding Specificity:	AA 180-210, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GFER antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 180-210 amino acids from the C-terminal region of Human Hepatopoietin Genename: GFER
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human and Mouse Hepatopoietin (C-term).
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Target Details

Target:	GFER
Alternative Name:	Hepatopoietin (GFER Products)
Background:	The hepatotrophic factor designated augmenter of liver regeneration (ALR) is thought to be one

Target Details

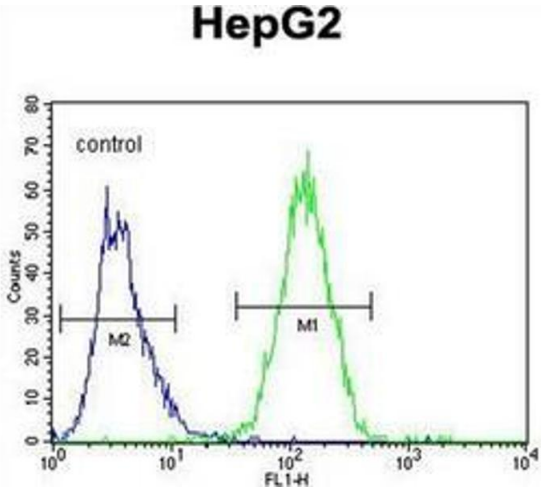
	of the factors responsible for the extraordinary regenerative capacity of mammalian liver. It has also been called hepatic regenerative stimulation substance (HSS). The gene resides on chromosome 16 in the interval containing the locus for polycystic kidney disease (PKD1). The putative gene product is 42 % similar to the scERV1 protein of yeast. The yeast scERV1 gene had been found to be essential for oxidative phosphorylation, the maintenance of mitochondrial genomes, and the cell division cycle. The human gene is both the structural and functional homolog of the yeast scERV1 gene.Synonyms: ALR, Augmenter of liver regeneration, FAD-linked sulfhydryl oxidase ALR, GFER, HERV1, HPO
Molecular Weight:	23449 Da
Gene ID:	2671
NCBI Accession:	NP_005253
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

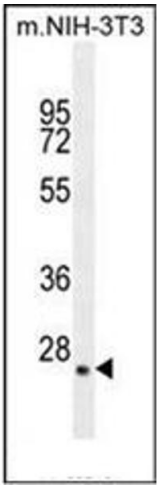
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. Flow cytometric analysis of HepG2 cells using Hepatopoietin Antibody (C-term) Cat.-No AP51820PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of Hepatopoietin Antibody (C-term) in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the GFER antibody detected the GFER protein (arrow).