

Datasheet for ABIN655619
anti-GFER antibody (C-Term)

2 Images

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Overview

Quantity:	400 µL
Target:	GFER
Binding Specificity:	AA 173-202, C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GFER antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This GFER antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 173-202 amino acids from the C-terminal region of human GFER.
Clone:	RB14532
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	GFER
Alternative Name:	GFER (GFER Products)

Target Details

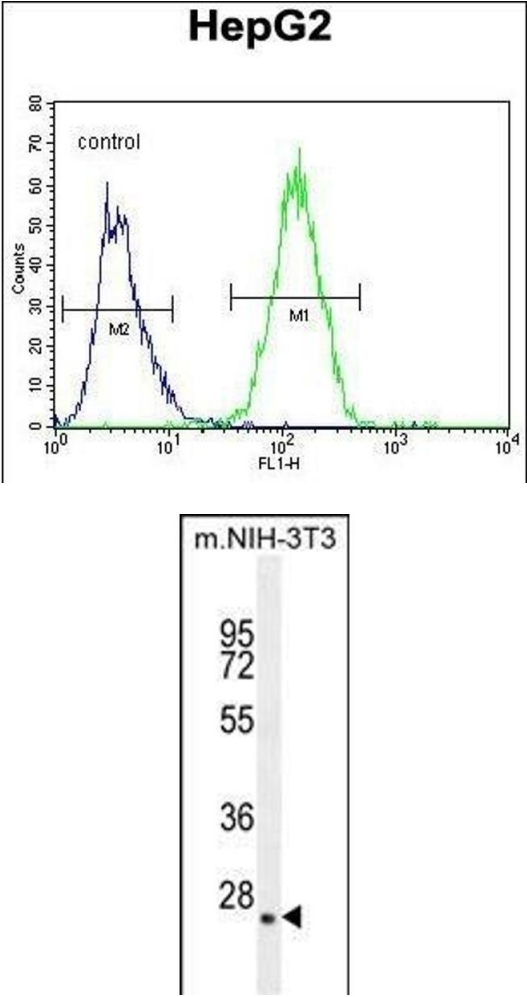
Background:	The hepatotrophic factor designated augmentor of liver regeneration (ALR) is thought to be one of the factors responsible for the extraordinary regenerative capacity of mammalian liver. It has also been called hepatic regenerative stimulation substance (HSS). The gene resides on chromosome 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.
Molecular Weight:	23449
Gene ID:	2671
NCBI Accession:	NP_005253
UniProt:	P55789
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. GFER Antibody (C-term) (ABIN655619 and ABIN2845099) flow cytometric analysis of HepG2 cells (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. GFER Antibody (C-term) (ABIN655619 and ABIN2845099) western blot analysis in mouse NIH-3T3 cell line lysates (35 µg/lane).This demonstrates the GFER antibody detected the GFER protein (arrow).