

Rabbit anti-Mouse GFER Polyclonal Antibody | anti-GFER antibody

GFER Antibody (C-term)

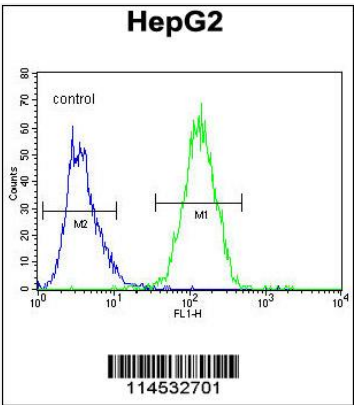
CATALOG # AAA285010	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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PRODUCT SYNONYMS

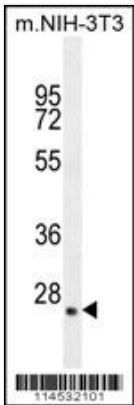
GFER; Polyclonal Antibody; GFER Antibody (C-term); FAD-linked sulfhydryl oxidase ALR; Augmenter of liver regeneration; hERV1; Hepatopoietin; ALR; HERV1; HPO; anti-GFER antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	173-202
Sequence Length	125
Applicable Applications for anti-GFER antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
GFER Antibody (C-term) 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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-GFER antibody	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.
Product Categories/Family for anti-GFER antibody	Cell Biology; Signal transduction
References	Dong, L.Y., et al. Biochem. J. 431(2):277-287(2010) Li, W., et al. FEBS Lett. 584(18):3929-3935(2010) Daithankar, V.N., et al. Biochemistry 49(31):6737-6745(2010) Dayoub, R., et al. Biochem. Biophys. Res. Commun. 395(4):465-470(2010) Chang, J., et al. World J. Gastroenterol. 16(2):193-200(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	54112432
NCBI GeneID	2671
NCBI Accession #	NP_005253.3
NCBI GenBank Nucleotide #	NM_005262.2
UniProt Accession #	P55789; Q53YM6; Q8TAH6; Q9H290; Q9UK40
Molecular Weight	23449
NCBI Official Full Name	FAD-linked sulfhydryl oxidase ALR
NCBI Official Synonym Full Names	growth factor, augmentor of liver regeneration
NCBI Official Symbol	GFER
NCBI Official Synonym Symbols	ALR; HPO; HSS; ERV1; HPO1; HPO2; HERV1

NCBI Protein Information	FAD-linked sulfhydryl oxidase ALR
UniProt Protein Name	FAD-linked sulfhydryl oxidase ALR
UniProt Gene Name	GFER
UniProt Synonym Gene Names	ALR; HERV1; HPO; hERV1
UniProt Entry Name	ALR_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/gfer-antibody-flow-cytometry-western-blot-elisa/285010>