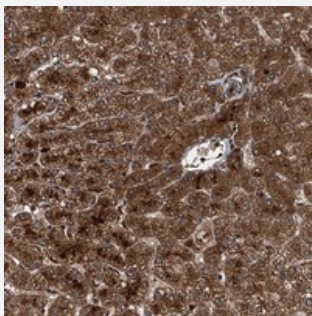


# GFER polyclonal antibody

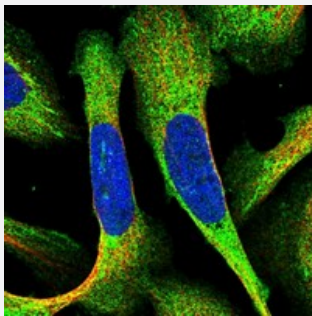
Catalog # PAB23772      Size 100 uL

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human liver with GFER polyclonal antibody (Cat # PAB23772) shows strong cytoplasmic positivity in hepatocytes at 1:50-1:200 dilution.



### Immunofluorescence

Immunofluorescent staining of human cell line U-2 OS with GFER polyclonal antibody (Cat # PAB23772) at 1-4 ug/mL dilution shows positivity in cytoplasm and mitochondria.

## Specification

Product Description	Rabbit polyclonal antibody raised against recombinant GFER.
Immunogen	Recombinant protein corresponding to amino acids of human GFER.
Sequence	QQDMAQFIHLFSKFYPCEECAEDLRKRLCRNHPDTRTRACFTQWLCHLHNEVNRKLGKPDFDC SKVDERWRDGWKDGSCD
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Immunofluorescence

Immunofluorescent staining of human cell line U-2 OS with GFER polyclonal antibody (Cat # PAB23772) at 1-4 ug/mL dilution shows positivity in cytoplasm and mitochondria.

## Gene Info — GFER

Entrez GeneID	<a href="#">2671</a>
Protein Accession#	<a href="#">P55789</a>
Gene Name	GFER
Gene Alias	ALR, ERV1, HERV1, HPO, HPO1, HPO2, HSS
Gene Description	growth factor, augmentor of liver regeneration
Omim ID	<a href="#">600924</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

The hepatotrophic factor designated augmenter 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. [provided by RefSeq]

**Other Designations**

ERV1 homolog|augmenter of liver regeneration|erv1-like growth factor|hepatic regenerative stimulation substance|hepatopoietin protein|truncated augmenter of liver regeneration