

GFER Rabbit pAb

Catalog No.: A5463

Basic Information

Observed MW

23kDa

Calculated MW

23kDa

Category

Primary antibody

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

WB 1:500 - 1:2000**IHC-P** 1:100 - 1:500

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

2671

Swiss Prot

P55789

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

ALR; HPO; HSS; ERV1; HPO1; HPO2; HERV1; MMCHD; MPMCD; GFER

Contact

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Product Information

Source

Rabbit

Isotype

IgG

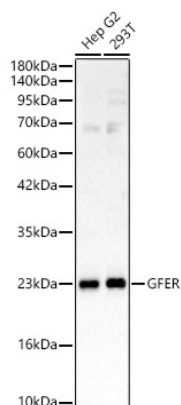
Purification

Affinity purification

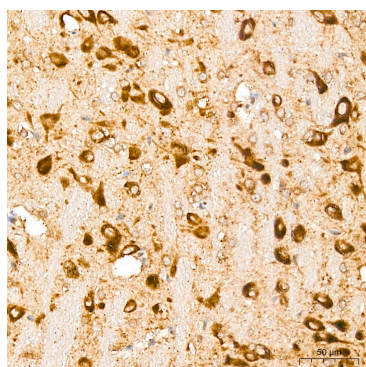
Storage

Store at -20°C

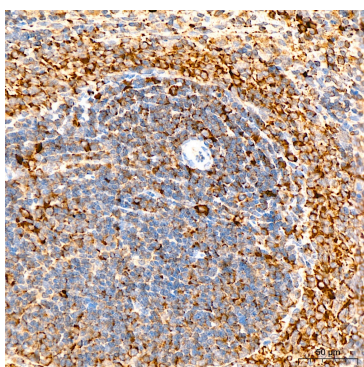
Validation Data



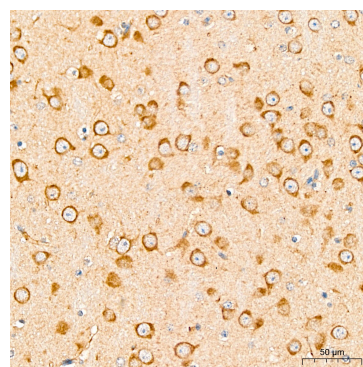
Western blot analysis of various lysates, using GFER Rabbit pAb (A5463) at 1:2000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Rat brain tissue using GFER Rabbit pAb (A5463) at a dilution of 1:400 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using GFER Rabbit pAb (A5463) at a dilution of 1:400 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using GFER Rabbit pAb (A5463) at a dilution of 1:400 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.