

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

GFER Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA114170	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

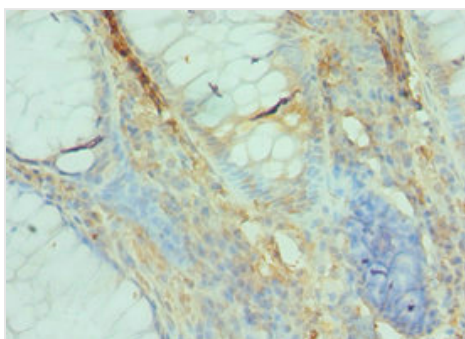
PRODUCT SYNONYMS

GFER; Polyclonal Antibody; GFER Antibody; Augmenter of liver regeneration; hERV1; Hepatopoietin; ALR; HERV1; HPO; anti-GFER antibody

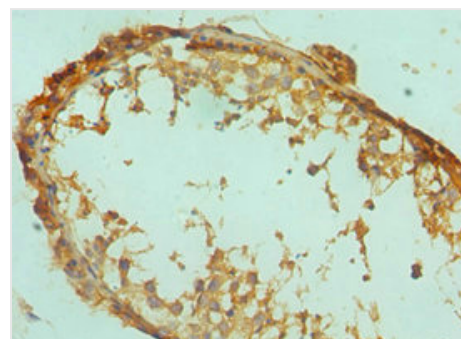
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	205
Applicable Applications for anti-GFER antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human FAD-linked sulfhydryl oxidase ALR protein(81-205aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-51257
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

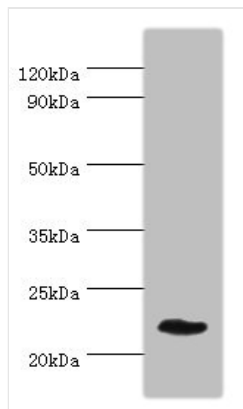
IMAGES


IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA114170 at dilution 1:100


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human testicle using AAA114170 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: GFER antibody at 3ug/ml+mouse liver tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 24,16 kDaObserved band size: 23 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-GFER antibody	Isoform 1: FAD-dependent sulfhydryl oxidase that regenerates the redox-active disulfide bonds in CHCHD4/MIA40, a chaperone essential for disulfide bond formation and protein folding in the mitochondrial intermembrane space. The reduced form of CHCHD4/MIA40 forms a transient intermolecular disulfide bridge with GFER/ERV1, resulting in regeneration of the essential disulfide bonds in CHCHD4/MIA40, while GFER/ERV1 becomes re-oxidized by donating electrons to cytochrome c or molecular oxygen. Isoform 2: May act as an autocrine hepatotrophic growth factor promoting liver regeneration.
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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	15,029 Da
NCBI Official Full Name	FAD-linked sulfhydryl oxidase ALR
NCBI Official Synonym Full Names	growth factor, augmenter 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.