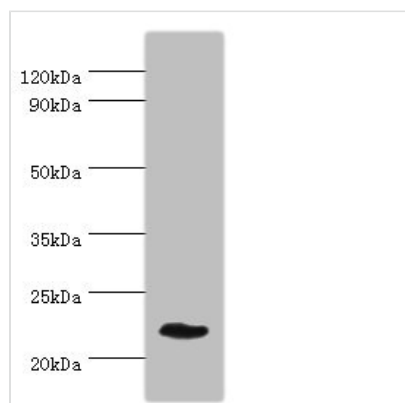


GFER Antibody

Product Code	CSB-PA009370ESR2HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P55789
Immunogen	Recombinant Human FAD-linked sulfhydryl oxidase ALR protein (81-205AA)
Raised In	Rabbit
Species Reactivity	Human, Mouse
Tested Applications	ELISA, WB, IHC; Recommended dilution: WB:1:200-1:1000, IHC:1:20-1:200
Relevance	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.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purification Method	Antigen Affinity Purified
Isotype	IgG
Clonality	Polyclonal
Alias	FAD-linked sulfhydryl oxidase ALR (EC 1.8.3.2) (Augmenter of liver regeneration) (hERV1) (Hepatopoietin), GFER, ALR HERV1 HPO
Species	Human
Research Area	Signal Transduction
Target Names	GFER

Image



Western blot

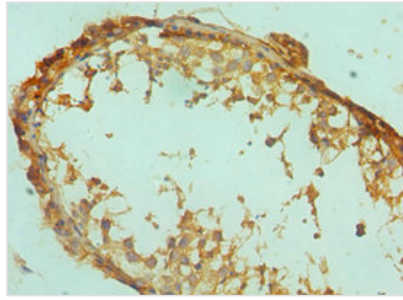
All lanes: GFER antibody at 3μg/ml + Mouse liver tissue

Secondary

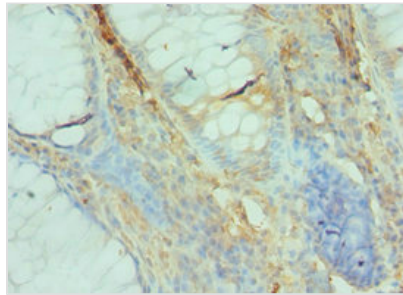
Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 24, 16 kDa

Observed band size: 24 kDa



Immunohistochemistry of paraffin-embedded human testis tissue using CSB-PA009370ESR2HU at dilution of 1:100



Immunohistochemistry of paraffin-embedded human colon cancer using CSB-PA009370ESR2HU at dilution of 1:100