

IHCeasy[®] ALR Ready-To-Use IHC Kit

Catalog Number: **KHC3231**

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse, Rat

Cited Reactivity:

Assay type:
Immunohistochemistry

Primary antibody type:
Rabbit Polyclonal

Secondary antibody type:
Polymer-HRP-Goat anti-Rabbit

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

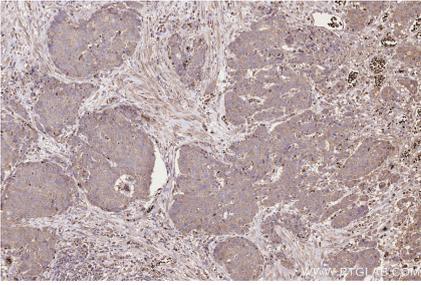
Background

GFER (FAD-linked sulfhydryl oxidase) is also named as ALR, HERV1, HPO. It plays an important role in the disulfide relay system (DRS) in human mitochondria. The GFER gene codes for 2 distinct isoforms that are probably synthesized from the same mRNA with the use of different initiation codons. The long isoform is located mainly in the mitochondrial intermembrane space and exists under nonreducing and nondenaturing conditions as a homodimer and a heterodimer. The shorter isoform which lacks 80 amino acids at its N terminus compared to the longer isoform, is present predominantly in the nucleus.

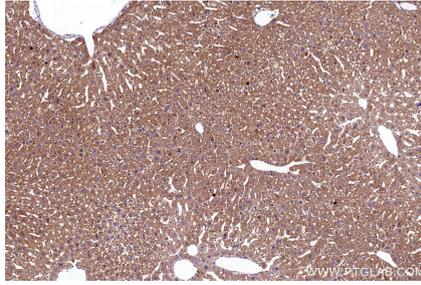
Synonyms

GFER, EC:1.8.3.2, ERV1, FAD-linked sulfhydryl oxidase ALR, Hepatopietin

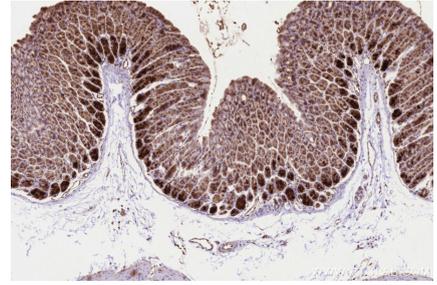
Selected Validation Data



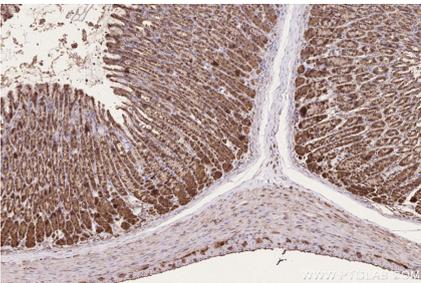
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC3231 (ALR IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC3231 (ALR IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using KHC3231 (ALR IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat stomach tissue slide using KHC3231 (ALR IHC Kit).