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For Research Use Only

IHC*easy* GLUL Ready-To-Use IHC Kit

Catalog Number: KHC0037

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse, Rat

Cited Reactivity:

Assay type:
Immunohistochemistry

Primary antibody type:
Mouse Monoclonal

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

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

Glutamine synthetase（GS), also named as glutamate-ammonia ligase(GLUL), belongs to the glutamine synthetase family.This enzyme has two functions: it catalyzes the production of glutamine and 4-aminobutanoate (gamma-aminobutyric acid, GABA), the latter in a pyridoxal phosphate-independent manner By similarity. Essential for proliferation of fetal skin fibroblasts. Defects in GLUL are the cause of congenital systemic glutamine deficiency (CSGD). Organismal glutamine production is augmented secondary to an increase in the activity of glutamine synthetase in the lung and skeletal muscle.

Synonyms

GLNS, GLUL, Glutamate ammonia ligase, Glutamate decarboxylase, Glutamine synthetase, GS, PIG43, PIG59

For technical support and original validation data for this product please contact:
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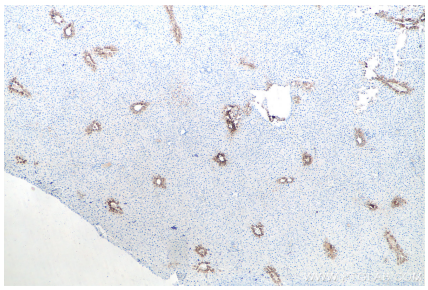
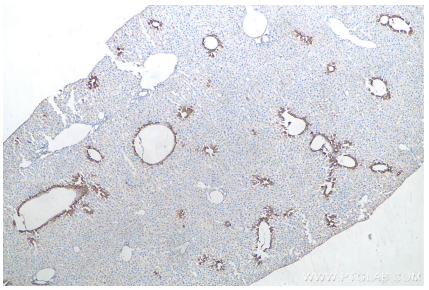
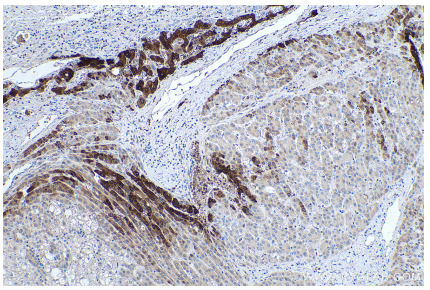
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using KHC0037 (GLUL IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC0037 (GLUL IHC Kit).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0037 (GLUL IHC Kit).