

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

Catalog Number: **KHC0425**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human
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.

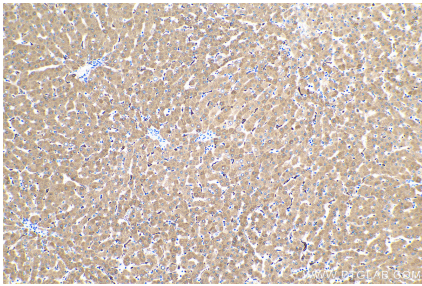
Background

HP(Haptoglobin) is also named as zonulin and belongs to the peptidase S1 family. HP, a plasma glycoprotein that binds free hemoglobin, has a tetrameric structure of 2 alpha and 2 beta polypeptides that are covalently associated by disulfide bonds. Recent studies of haptoglobin show that certain oligosaccharide structures predominate in different diseases. For example, a highly-fucosylated structure is found in breast cancer and ovarian cancer, highly-sialylated structures in Crohn's disease and highly branched structures in alcoholic liver disease and fucosylated haptoglobin is a good serum marker for pancreatic cancer.

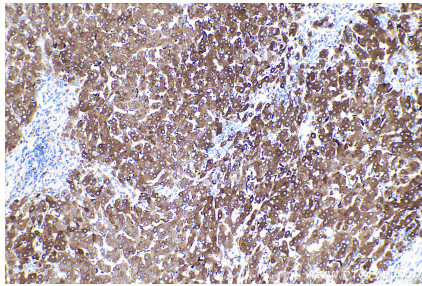
Synonyms

BP, HAPT, haptoglobin, HP, HP2 ALPHA 2, HPA1S, Zonulin

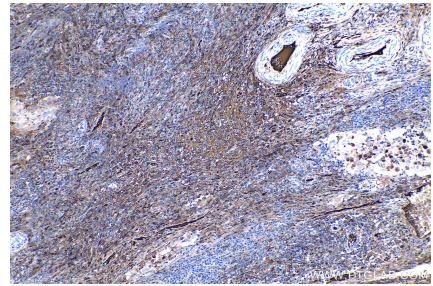
Selected Validation Data



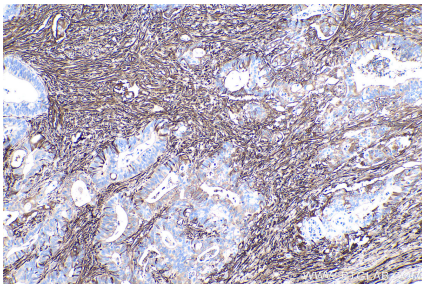
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using KHC0425 (HP IHC Kit).



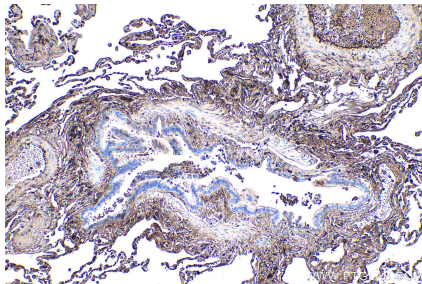
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0425 (HP IHC Kit).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using KHC0425 (HP IHC Kit).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0425 (HP IHC Kit).



Immunohistochemical analysis of paraffin-embedded human lung tissue slide using KHC0425 (HP IHC Kit).