

IHC*easy* HRSP12 Ready-To-Use IHC Kit

Catalog Number: **KHC0517**

General Information

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

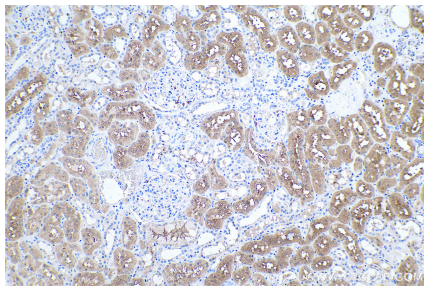
Background

HRSP12, also named ribonuclease UK114, is found predominantly in human adult kidney and liver and is responsible for inhibiting translation by cleaving mRNA. UK114 is mostly expressed in cytoplasm, but occasionally in nucleus in less differentiated cells. UK114 cleaves phosphodiester bonds only in single-stranded RNA. The levels of both the mRNA and protein are markedly reduced in hepatocellular tumors and in human hepatoma cell lines compared with normal liver tissues, suggesting that ribonuclease UK114 may be an important biomarker for hepatic carcinoma.

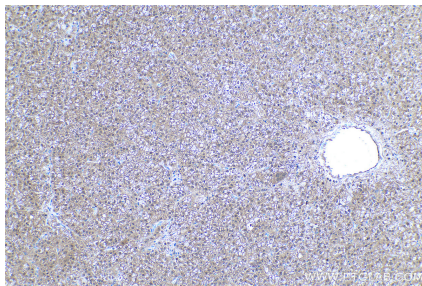
Synonyms

heat responsive protein 12, HRSP12, P14.5, PSP, Ribonuclease UK114, UK114, UK114 antigen homolog

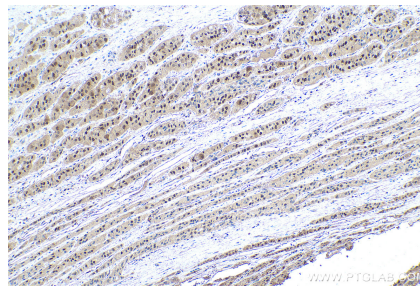
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using KHC0517 (HRSP12 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0517 (HRSP12 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0517 (HRSP12 IHC Kit).