

IHCeasy[®] MRPS27 Ready-To-Use IHC Kit

Catalog Number: **KHC3305**

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.

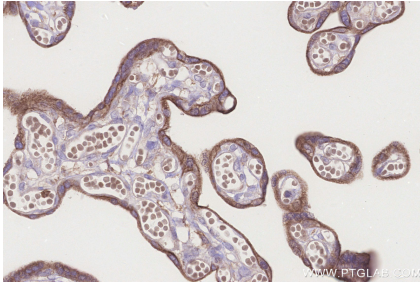
Background

Genes encoding PPR (pentatricopeptide repeat)-containing proteins constitute one of the largest gene families in plants. The majority of these proteins are predicted to target organelles and to bind to RNA. Strikingly, there is a dearth of these proteins in mammals, although genomic searches reveal six candidates, all of which are also predicted to target the mitochondrion. One of these proteins, MRPS27 is participated in transcription and translation respectively. MRPS27 is a component of the small subunit of the mitochondrial ribosome that is encoded by the nuclear genome.

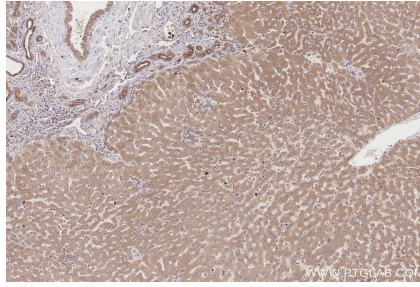
Synonyms

KIAA0264, MRP S27, MRPS 27, MRP-S27, S27mt

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC3305 (MRPS27 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis tissue slide using KHC3305 (MRPS27 IHC Kit).