

# IHC*easy* LRPPRC Ready-To-Use IHC Kit

Catalog Number: **KHC0166**

## 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.

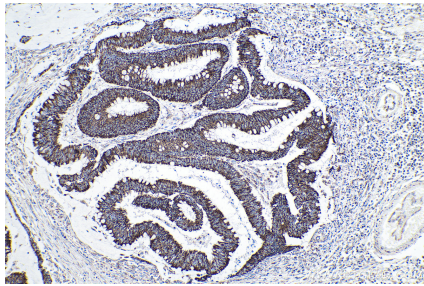
## Background

LRPPRC (also called LRP130 or GP130) is a 130-kDa RNA-binding protein of the pentatricopeptide repeat family. LRPPRC localizes primarily to the mitochondria where it binds to poly(A) mRNA. It plays a role in translation or stability of mitochondrially encoded cytochrome c oxidase (COX) subunits. LRPPRC has also been shown to regulate nuclear gene transcription and to bind specific RNA molecules in both the nucleus and the cytoplasm. Mutations in LRPPRC gene are associated with the French-Canadian type of Leigh syndrome.

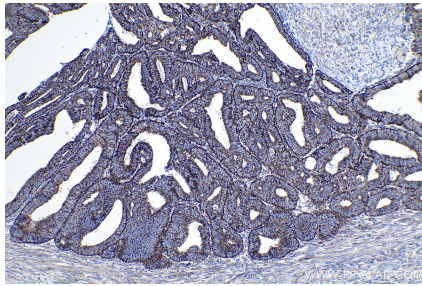
## Synonyms

130 kDa leucine rich protein, CLONE 23970, GP130, LRP 130, LRP130, LRPPRC, LSFC

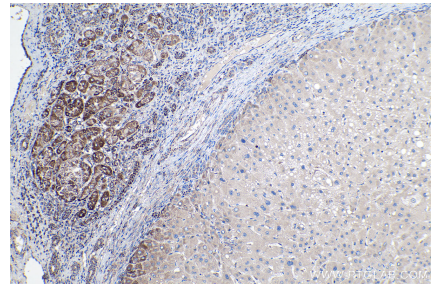
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0166 (LRPPRC IHC Kit).



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissue slide using KHC0166 (LRPPRC IHC Kit).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0166 (LRPPRC IHC Kit).