

IHC*easy* PDIA4/ERP72 Ready-To-Use IHC Kit

Catalog Number: **KHC0584**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human, Mouse, Rat
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.

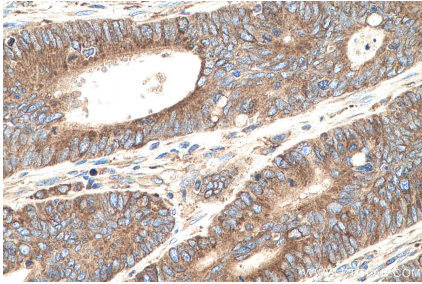
Background

PDIA4(Protein disulfide-isomerase A4) is also named as ERP70, ERP72 and belongs to the protein disulfide isomerase family. It catalyzes the rearrangement of -S-S- bonds in proteins. ERp72 is a soluble protein localized in the ER lumen and contains the COOH-terminal retention signal, KEEL. There are 6 cysteine residues in the amino acid sequences of mouse and human ERp72.

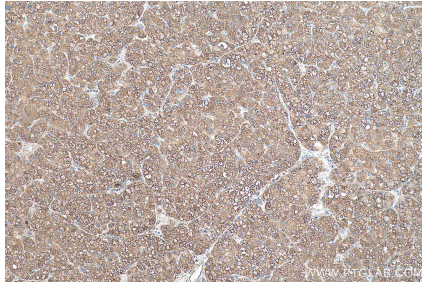
Synonyms

Cell and organelle markers, endoplasmic reticulum marker, ER marker, ER protein 70, ER protein 72, ERp 72, ERP70, ERP72, Mitochondria Marker, Mitochondrial Marker, PDIA4, Protein disulfide isomerase A4

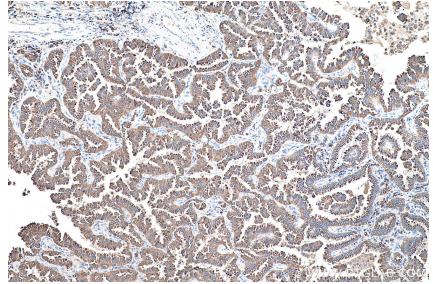
Selected Validation Data



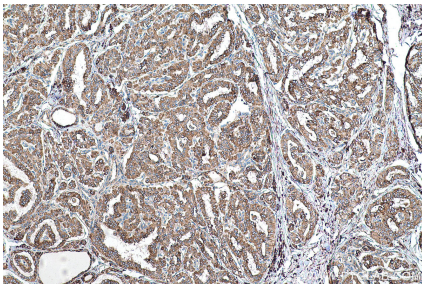
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0584 (PDIA4/ERP72 IHC Kit).



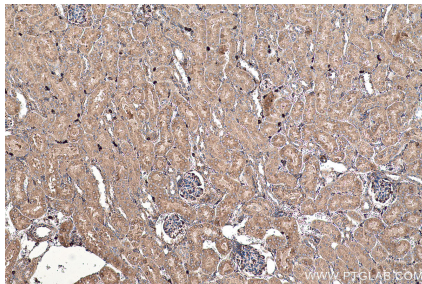
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0584 (PDIA4/ERP72 IHC Kit).



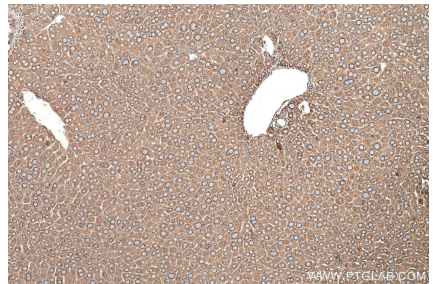
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC0584 (PDIA4/ERP72 IHC Kit).



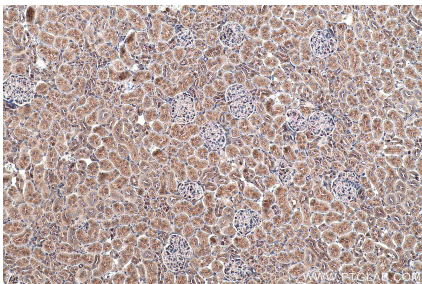
Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using KHC0584 (PDIA4/ERP72 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC0584 (PDIA4/ERP72 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC0584 (PDIA4/ERP72 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC0584 (PDIA4/ERP72 IHC Kit).