

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

Catalog Number: **KHC1468**

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.

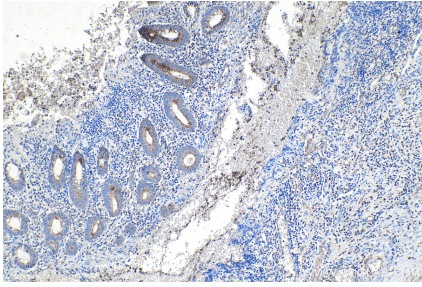
Background

LPXN, also known as Leupaxin, LDPL, belongs to the paxillin family. LPXN contributes to the regulation of cell adhesion, spreading, and cell migration and acts as a negative regulator in integrin-mediated cell adhesion events. LPXN has four leucine-rich LD-motifs in the N-terminus and four LIM domains in the C-terminus. It may function in cell type-specific signaling by associating with PYK2, a member of the focal adhesion kinase family. Studies in breast cancer implicate LPXN is involved in the regulation of ER action as a co-factor. LPXN is expressed in prostate cancer cells and its expression intensity is directly linked to PCa progression.

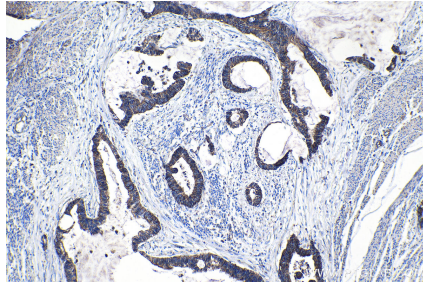
Synonyms

LDLP, LDPL, leupaxin, LPXN

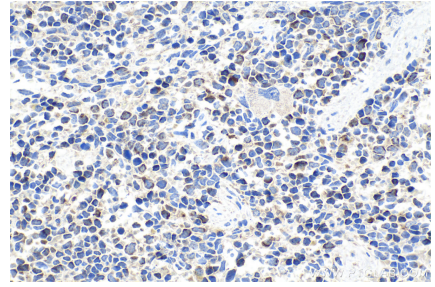
Selected Validation Data



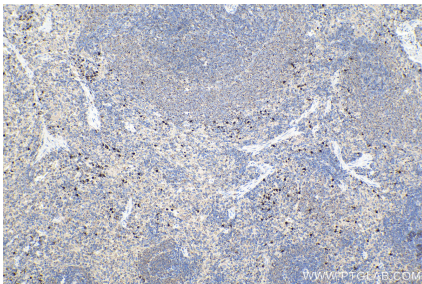
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using KHC1468 (LPXN IHC Kit).



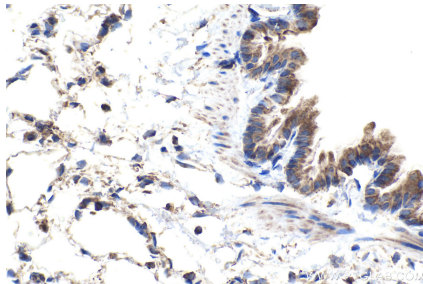
Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using KHC1468 (LPXN IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using KHC1468 (LPXN IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat spleen tissue slide using KHC1468 (LPXN IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat lung tissue slide using KHC1468 (LPXN IHC Kit).