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

Catalog Number: KHC1214

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse, Rat

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.
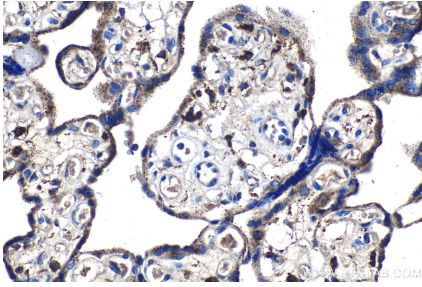
Background

LGMN (Legumain), also known as asparaginyl endopeptidase or AEP, is a broadly expressed lysosomal cysteine endopeptidase that belongs to peptidase family C13 and specifcally hydrolyzes substrate asparaginyl bonds. LGMN directly regulates diverse physiological and pathological processes by remodeling tissue-specific targets. In addition, LGMN indirectly contributes to atherosclerotic plaque instability through activation of cathepsin L in the arterial ECM.
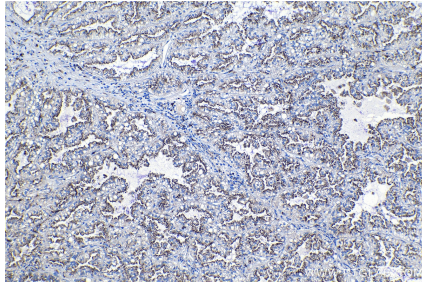
Synonyms

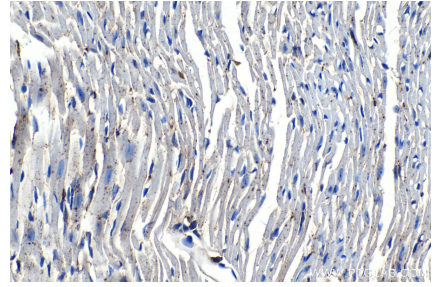AEP, Asparaginyl endopeptidase, legumain, LGMN, LGMN1, Protease, cysteine 1, PRSC1
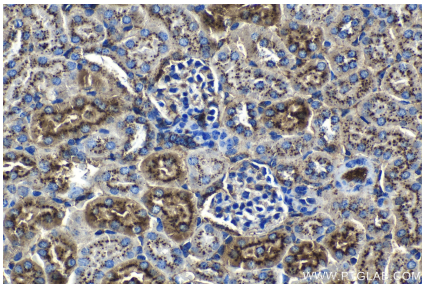
Selected Validation Data

Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC1214 (LGMN IHC Kit).
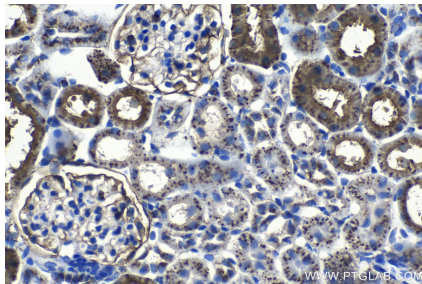

Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC1214 (LGMN IHC Kit).

Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC1214 (LGMN IHC Kit).

Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC1214 (LGMN IHC Kit).

Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC1214 (LGMN IHC Kit).