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For Research Use Only

IHC*easy* Lamin B2 Ready-To-Use IHC Kit

Catalog Number: KHC2389

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

Lamins are nuclear membrane structural components that are important in structural integrity of the nucleus and may also interact with chromatin. Research studies show that lamin B2 knockout mice exhibit neuronal developmental defects and that both proteins are essential for typical brain development. Mutations in Lamin B2 can result in a susceptibility to developing acquired partial lipodystrophy, a rare disorder characterized by the progressive loss of subcutaneous fat in a bilaterally symmetrical fashion.

Synonyms

LMNB2, LMN2, Lamin-B2, LAMB2

For technical support and original validation data for this product please contact:
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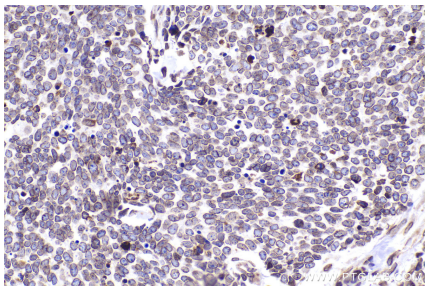
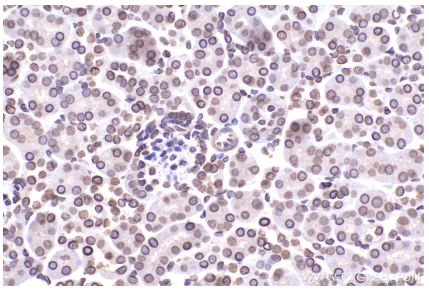
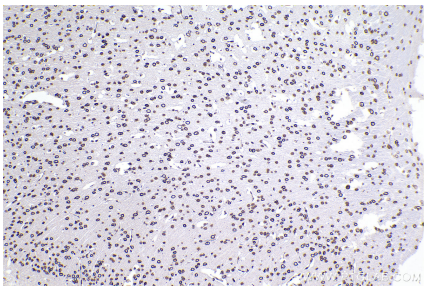
Selected Validation Data



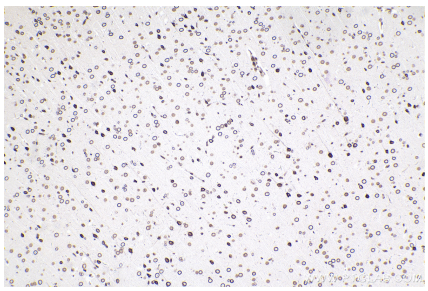
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC2389 (Lamin B2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC2389 (Lamin B2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using KHC2389 (Lamin B2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC2389 (Lamin B2 IHC Kit).