

IHC*easy* RIPK3 Ready-To-Use IHC Kit

Catalog Number: **KHC2025**

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.

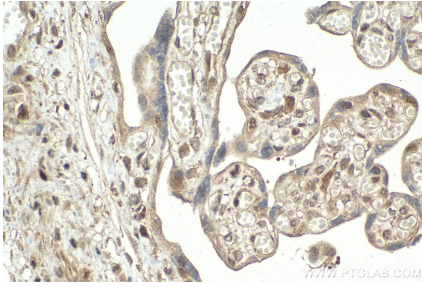
Background

RIPK3, also named as RIP3, a Ser/Thr kinase of RIP (Receptor Interacting Protein) family, is recruited to the TNFR1 signaling complex through RIP and has been shown to mediate apoptosis induction and NF-κB activation. RIPK3 is a nucleocytoplasmic shuttling protein and its unconventional nuclear localization signal (NLS, 442-472 aa) is sufficient to trigger apoptosis in the nucleus. It has 3 isoforms produced by alternative splicing. RIPK3 might form a homodimer within cells, and its apoptotic activity may not be required for this dimerization.

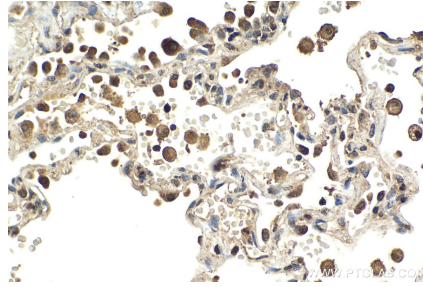
Synonyms

Receptor interacting protein 3, RIP 3, RIP like protein kinase 3, RIP3, RIPK3

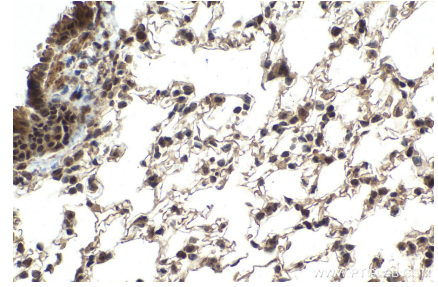
Selected Validation Data



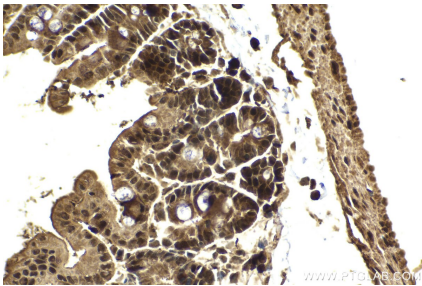
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC2025 (RIPK3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human lung tissue slide using KHC2025 (RIPK3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using KHC2025 (RIPK3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using KHC2025 (RIPK3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using KHC2025 (RIPK3 IHC Kit).