

IHC*easy* CUL1 Ready-To-Use IHC Kit

Catalog Number: **KHC1035**

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.

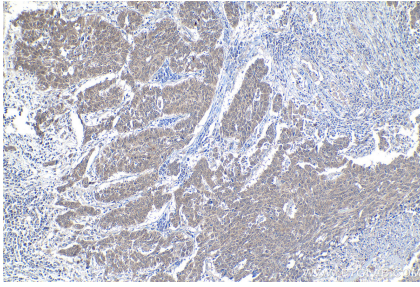
Background

The cullin family proteins are scaffold proteins for the Ring finger type E3 ligases. Humans express seven cullin proteins: CUL1-3, CUL4A, CUL4B, CUL5, and CUL7. Each cullin protein can form an E3 ligase similar to the prototype Ring-type E3 ligase Skp1-CUL1-F-box complex. The Cullin-RING-finger type E3 ligases are important regulators in early embryonic development, as highlighted by genetic studies demonstrating that knock-out of CUL1, CUL3, or CUL4A in mice results in early embryonic lethality.

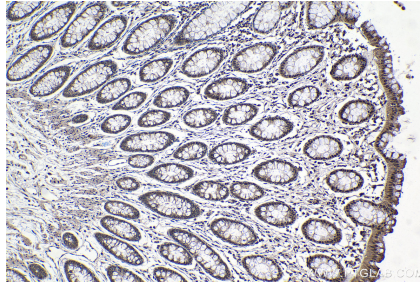
Synonyms

CUL 1, CUL1, cullin 1

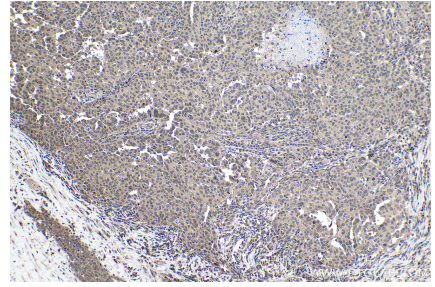
Selected Validation Data



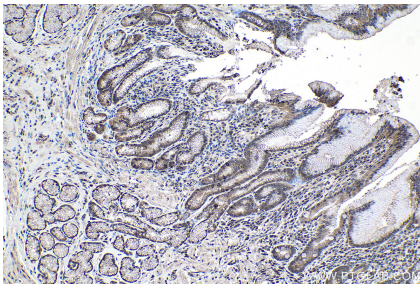
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC1035 (CUL1 IHC Kit).



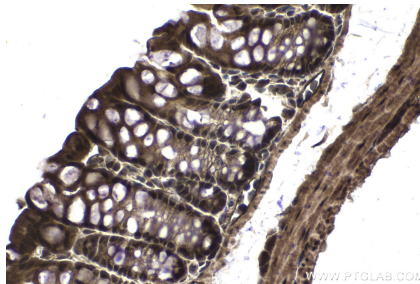
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using KHC1035 (CUL1 IHC Kit).



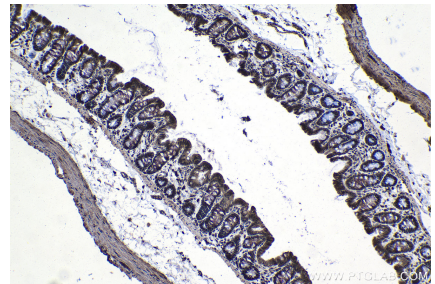
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using KHC1035 (CUL1 IHC Kit).



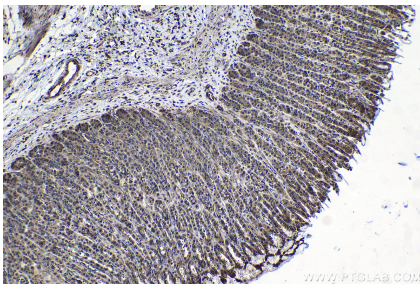
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC1035 (CUL1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using KHC1035 (CUL1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat colon tissue slide using KHC1035 (CUL1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat stomach tissue slide using KHC1035 (CUL1 IHC Kit).