

# IHC*easy* CUL2 Ready-To-Use IHC Kit

Catalog Number: **KHC2437**

## 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, participating in the proteolysis through the ubiquitin-proteasome pathway. 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.

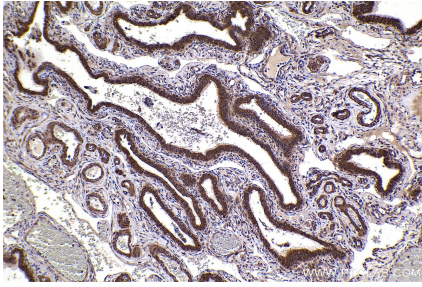
## Synonyms

CUL2,CUL 2,CUL-2,cullin 2,Cullin-2

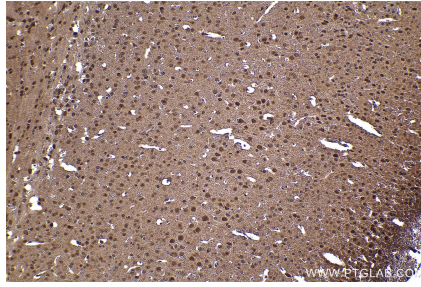
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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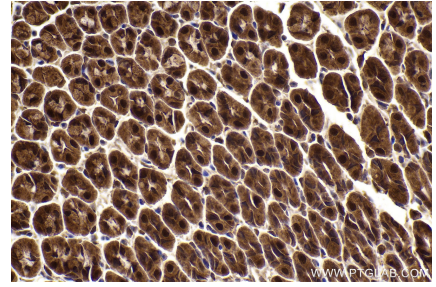
## Selected Validation Data



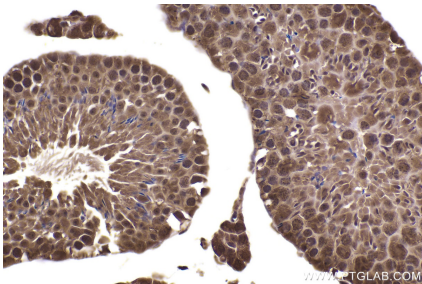
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using KHC2437 (CUL2 IHC Kit).



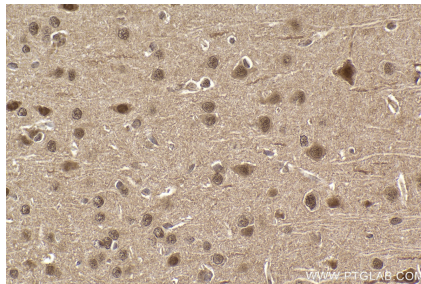
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using KHC2437 (CUL2 IHC Kit).



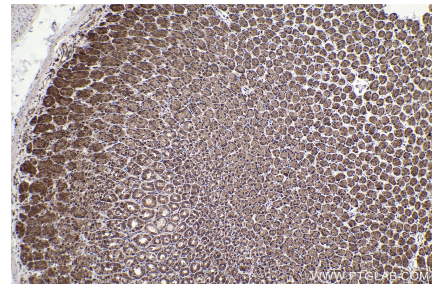
Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using KHC2437 (CUL2 IHC Kit).



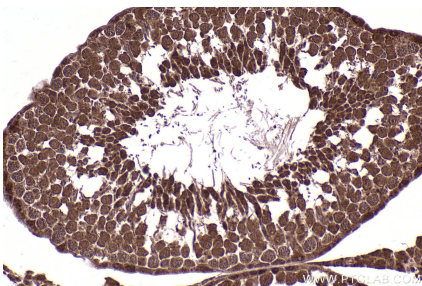
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC2437 (CUL2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC2437 (CUL2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat stomach tissue slide using KHC2437 (CUL2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using KHC2437 (CUL2 IHC Kit).