

IHC*easy* CNOT3 Ready-To-Use IHC Kit

Catalog Number: **KHC1471**

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.

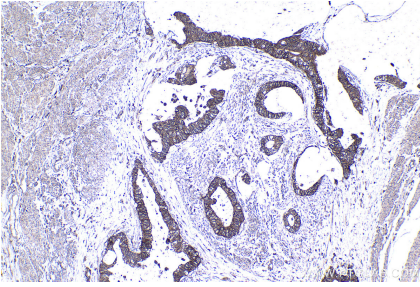
Background

The CCR4-NOT complex, the major deadenylase in mammalian cells, shortens the mRNA poly(A) tail and leads to the destabilization of mRNAs. The CCR4-NOT complex plays pivotal roles in various physiological functions, including cell apoptosis, proliferation, and metabolism. CNOT3, belongs to the CCR4-NOT complex, has a critical role in maintaining mouse and human ESC identity as a protein complex and inhibit differentiation into the extraembryonic lineages. It is also involved in the regulation of the spindle assembly checkpoint.

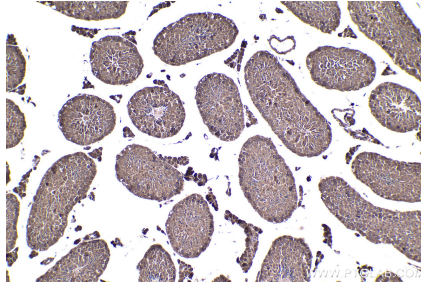
Synonyms

CCR4 associated factor 3, CNOT3, KIAA0691, LENG2, NOT3, NOT3H

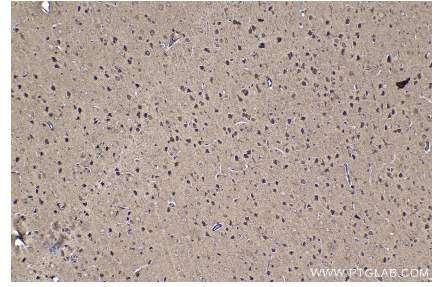
Selected Validation Data



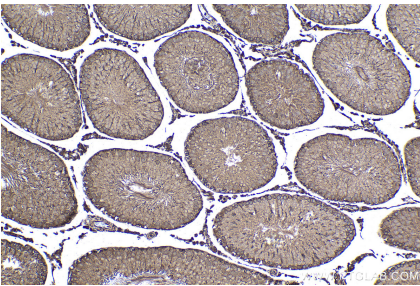
Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using KHC1471 (CNOT3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC1471 (CNOT3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC1471 (CNOT3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using KHC1471 (CNOT3 IHC Kit).