

IHCeasy[®] Telo2 Ready-To-Use IHC Kit

Catalog Number: **KHC3074**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human, Rat
Cited Reactivity:

Assay type:
Immunohistochemistry
Primary antibody type:
Mouse Monoclonal
Secondary antibody type:
Polymer-HRP-Goat anti-Mouse

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.

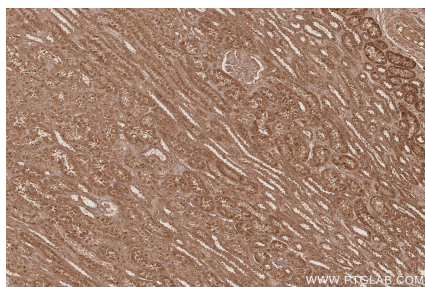
Background

TELO2 gene encodes a telomere length regulation protein TEL2 homolog. Telo2 may be involved in telomere length regulation and can form TTT complex with TTI1 and TTI2. TTT complex is required to stabilize protein levels of PIKK family proteins and is involved in the cellular resistance to DNA damage stresses, like ionizing radiation (IR), and ultraviolet (UV). The activity of mTORC1 and mTORC2 complexes, which regulate cell growth and survival in response to nutrient and hormonal signals, can be promoted, stabilized and maintained by Telo2.

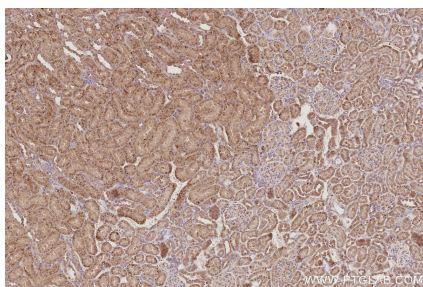
Synonyms

CLK2, hCLK2, KIAA0683, Protein clk 2 homolog, Protein clk-2 homolog

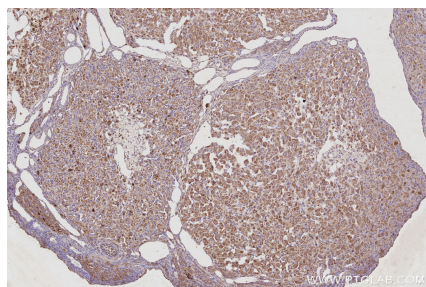
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using KHC3074 (TELO2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC3074 (TELO2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat ovary tissue slide using KHC3074 (TELO2 IHC Kit).