

IHC*easy* CDK5RAP3 Ready-To-Use IHC Kit

Catalog Number: **KHC1876**

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.

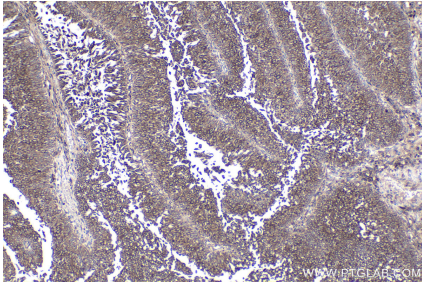
Background

Cyclin-dependent kinase 5 (CDK5) regulatory subunit associated protein 3 (CDK5RAP3, also named as C53 or LZAP) was initially identified as a binding protein of CDK5 activator p35. CDK5RAP3 is widely expressed in human tissues and broadly located in subcellular compartments. By interacting with other proteins, CDK5RAP3 participates in the regulation of multiple cellular processes including cell cycle, apoptosis, cell invasion, signaling transduction, autophagy, UFMylation and endoplasmic reticulum (ER) stress.

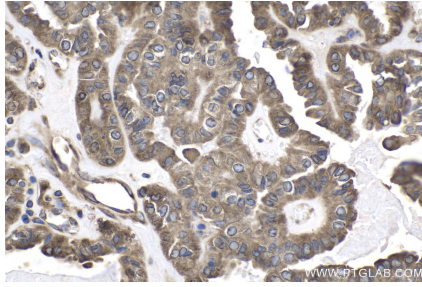
Synonyms

C53, CDK5RAP3, HSF 27, IC53, LZAP, MST016, OK/SW cL114, PP1553, Protein HSF 27

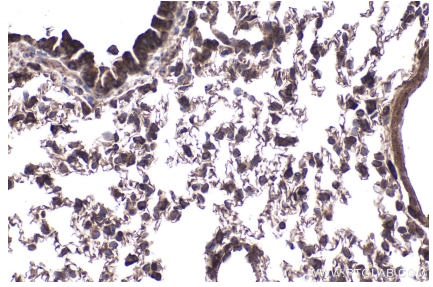
Selected Validation Data



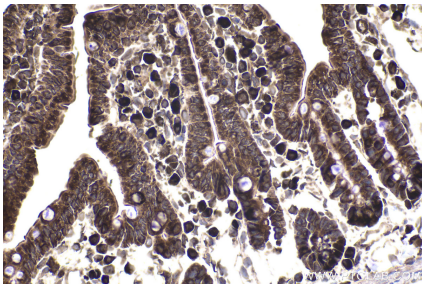
Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using KHC1876 (CDK5RAP3 IHC Kit).



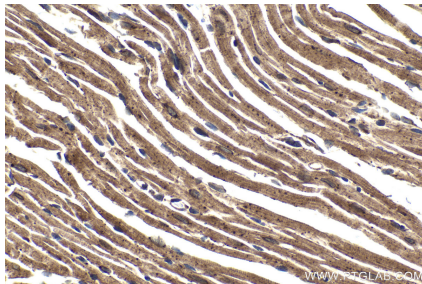
Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using KHC1876 (CDK5RAP3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using KHC1876 (CDK5RAP3 IHC Kit).



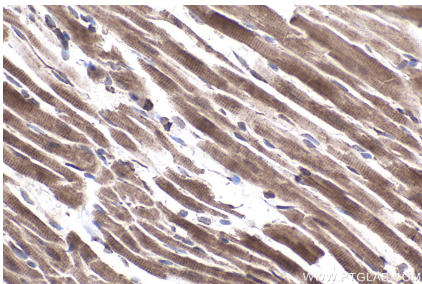
Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using KHC1876 (CDK5RAP3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC1876 (CDK5RAP3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using KHC1876 (CDK5RAP3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using KHC1876 (CDK5RAP3 IHC Kit).