

# IHC*easy* KPNA1 Ready-To-Use IHC Kit

Catalog Number: **KHC2310**

## 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.

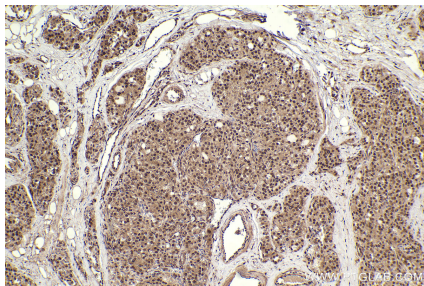
## Background

Importins (alpha and beta) are transport factors that transport proteins into the nucleus. alpha importins function by binding transcription factors at nuclear localization sequences (NLS), and associating with importin beta subunits to translocate through the nuclear pore. Six isoforms of alpha importins have been described in human. Importin alpha 5 is the predominant importin in adult CNS and is essential for differentiation and viability of neural cells.

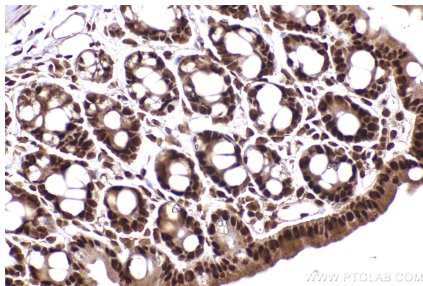
## Synonyms

Importin alpha 5, IMA5, Imp  $\alpha$  5, Importin subunit alpha-5, N-terminally processed, Importin subunit alpha-5

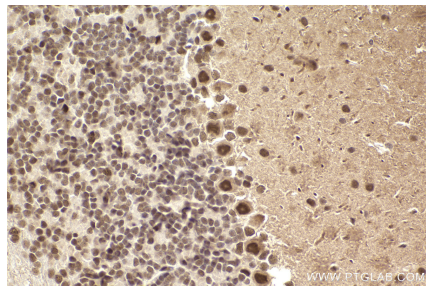
## Selected Validation Data



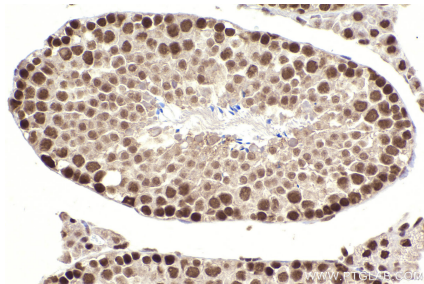
Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using KHC2310 (KPNA1 IHC Kit).



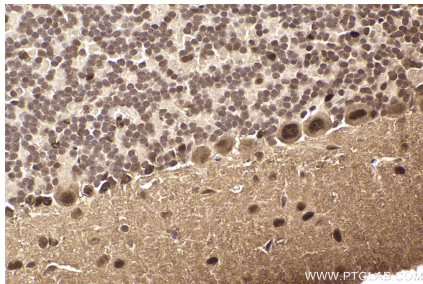
Immunohistochemical analysis of paraffin-embedded mouse intestine tissue slide using KHC2310 (KPNA1 IHC Kit).



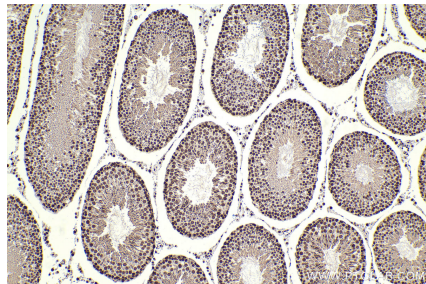
Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using KHC2310 (KPNA1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC2310 (KPNA1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue slide using KHC2310 (KPNA1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using KHC2310 (KPNA1 IHC Kit).