

# IHC*easy* CIB1 Ready-To-Use IHC Kit

Catalog Number: **KHC1898**

## 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.

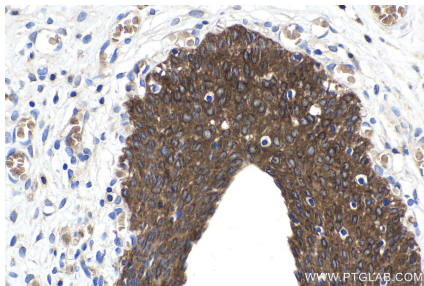
## Background

CIB1(Calcium and integrin-binding protein 1) is also named as CIB, KIP, PRKDCIP. It is an EF-hand-containing protein that binds multiple effector proteins, including the platelet  $\alpha$ IIb  $\beta$ 3 integrin and several serine/threonine kinases and potentially modulates their function. It regulates platelet aggregation in hemostasis through a specific interaction with the  $\alpha$ IIb cytoplasmic domain of platelet integrin  $\alpha$ IIb  $\beta$ 3.

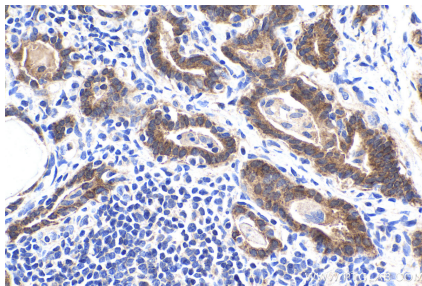
## Synonyms

Calmyrin, CIB, CIB1, CIBP, DNA PKcs interacting protein, Kinase interacting protein, KIP, KIP1, PRKDCIP, SIP2 28, SNK interacting protein 2 28

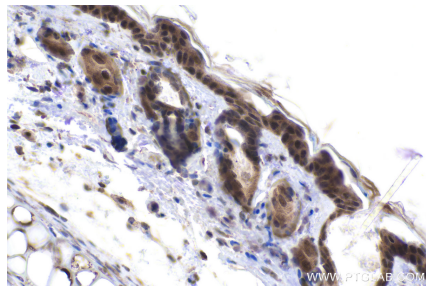
## Selected Validation Data



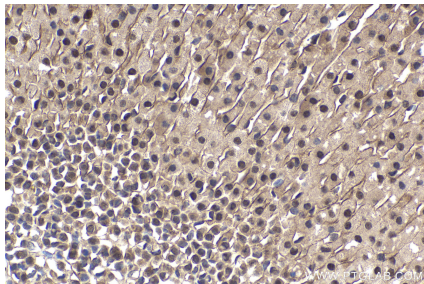
Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using KHC1898 (CIB1 IHC Kit).



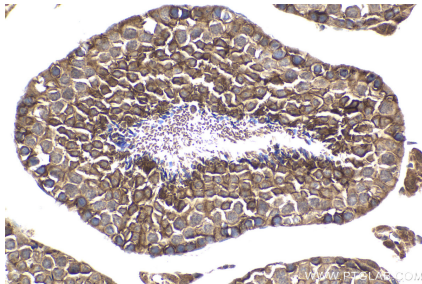
Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using KHC1898 (CIB1 IHC Kit).



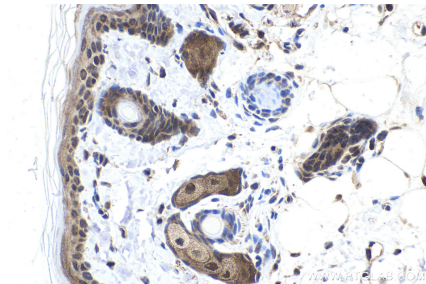
Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using KHC1898 (CIB1 IHC Kit).



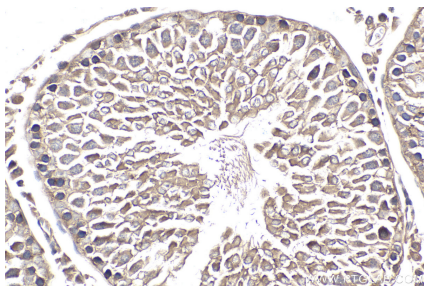
Immunohistochemical analysis of paraffin-embedded mouse adrenal gland tissue slide using KHC1898 (CIB1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC1898 (CIB1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat skin tissue slide using KHC1898 (CIB1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using KHC1898 (CIB1 IHC Kit).