

# IHC*easy* CSNK2B Ready-To-Use IHC Kit

Catalog Number: **KHC1650**

## 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.

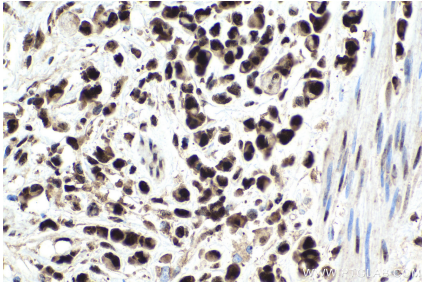
## Background

CSNK2B is a ubiquitous protein kinase which regulates metabolic pathways, signal transduction, transcription, translation, and replication. The enzyme is composed of three subunits, alpha, alpha prime and beta, which form a tetrameric holoenzyme. The alpha and alpha prime subunits are catalytic, while the beta subunit serves regulatory functions. The enzyme localizes to the endoplasmic reticulum and the Golgi apparatus. It participates in Wnt signaling, and plays a complex role in regulating the basal catalytic activity of the alpha subunit.

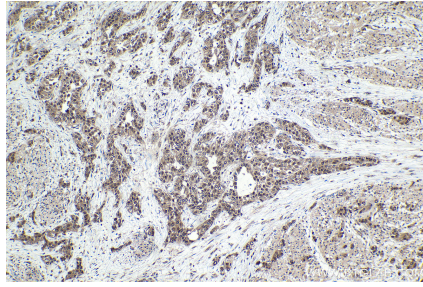
## Synonyms

Casein kinase II subunit beta, CK II beta, CK2B, CK2N, CSK2B, CSNK2B, G5A, Phosvitin, Protein G5a

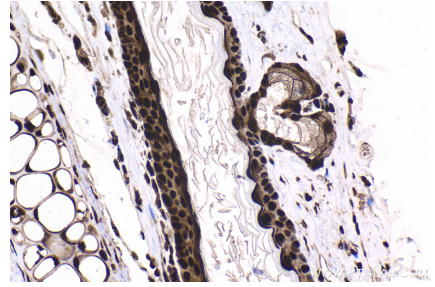
## Selected Validation Data



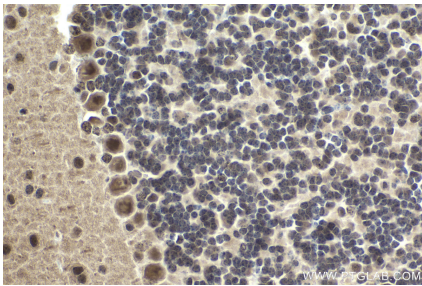
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC1650 (CSNK2B IHC Kit).



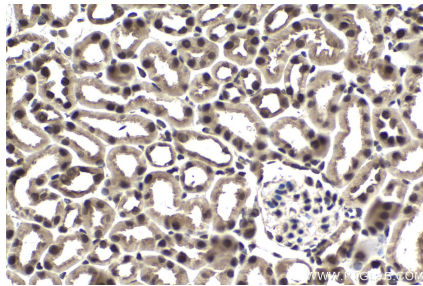
Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using KHC1650 (CSNK2B IHC Kit).



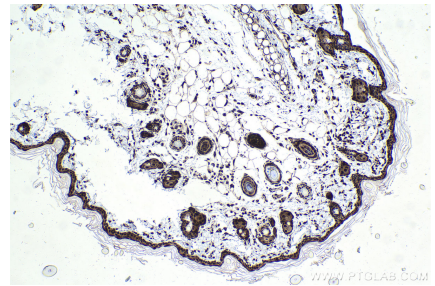
Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using KHC1650 (CSNK2B IHC Kit).



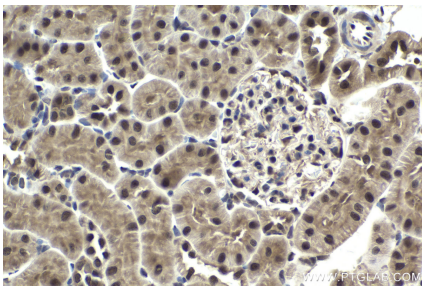
Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using KHC1650 (CSNK2B IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC1650 (CSNK2B IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat skin tissue slide using KHC1650 (CSNK2B IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC1650 (CSNK2B IHC Kit).