

# IHC*easy* PPP1CB Ready-To-Use IHC Kit

Catalog Number: **KHC0850**

## 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.

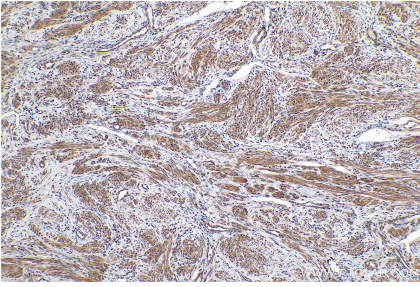
## Background

Protein phosphatase 1 (PP1) is the main eukaryotic protein serine/threonine phosphatase that regulates an enormous variety of cellular processes including protein-protein interactions, gene transcription, cell-cycle progression and apoptosis. It is a trimeric complex composed of a regulatory subunit, a variable subunit and a catalytic subunit. The catalytic subunit of PP1 (PP1c) can interact with amount of regulatory subunits in vivo that target it to particular subcellular locations and regulate its activity towards specific substrates.

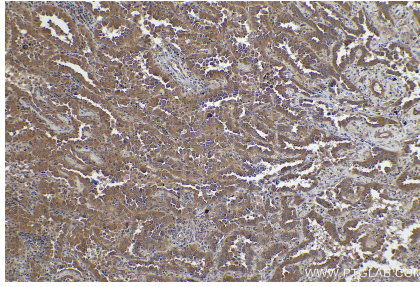
## Synonyms

PP1 Beta, PP 1B, PPP1CB, PPP1CB-Specific, PPP1CD

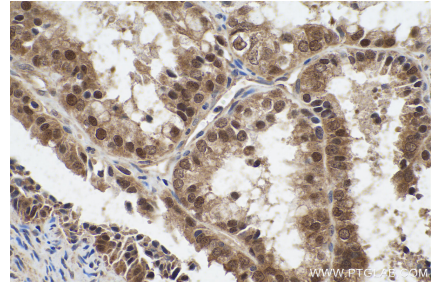
## Selected Validation Data



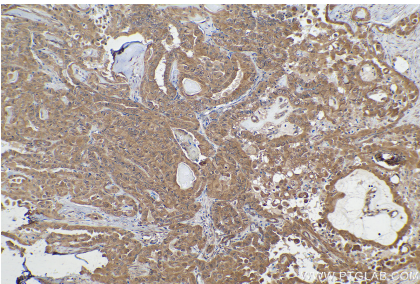
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using KHC0850 (PPP1CB IHC Kit).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC0850 (PPP1CB IHC Kit).



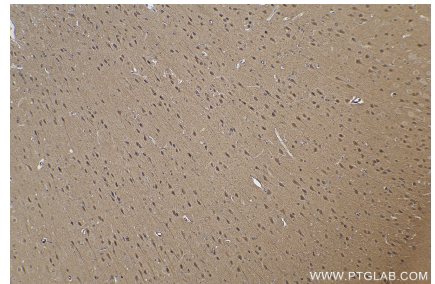
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using KHC0850 (PPP1CB IHC Kit).



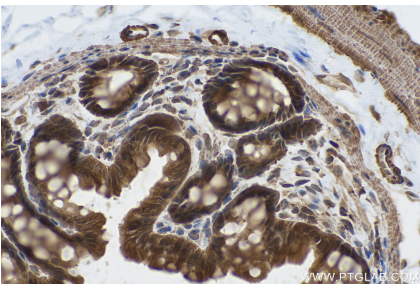
Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using KHC0850 (PPP1CB IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using KHC0850 (PPP1CB IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC0850 (PPP1CB IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat colon tissue slide using KHC0850 (PPP1CB IHC Kit).