

IHC*easy* PBXIP1 Ready-To-Use IHC Kit

Catalog Number: **KHC1866**

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.

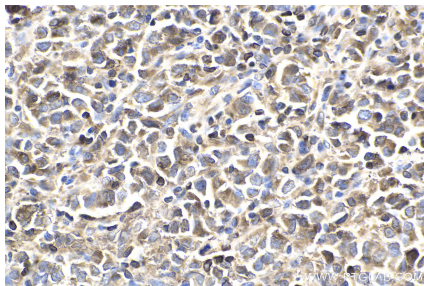
Background

PBXIP1 (pre-B-cell leukemia transcription factor-interacting protein 1), also known as HPIP (hematopoietic PBX-interacting protein), is a regulator of pre-B-cell leukemia transcription factors (BPXs) function. PBXIP1 is a nucleo-cytoplasmic shuttling protein, mainly localized in the cytosol and in small amounts in the nucleus. It interacts with PBX1 as well as PBX2 and PBX3. PBXIP1 inhibits the ability of PBX-HOX heterodimers to bind to target sequences and strongly inhibits the transactivation activity of E2A-PBX. PBXIP1 is also reported to be a microtubule-binding protein, which regulates estrogen receptor functions and plays a role in cancer development and progression.

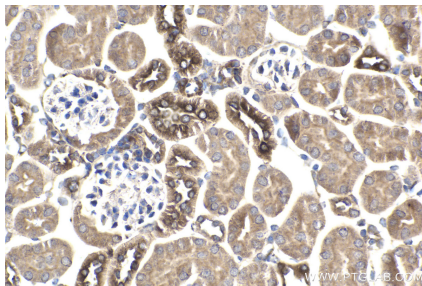
Synonyms

HPIP, PBXIP1

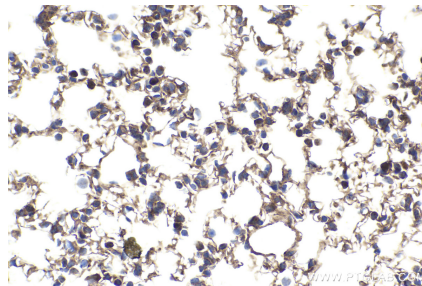
Selected Validation Data



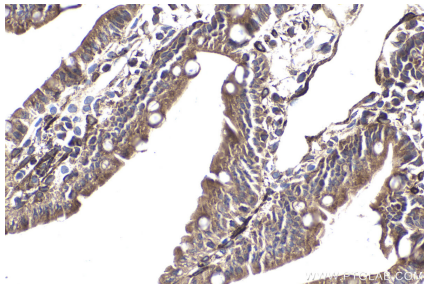
Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using KHC1866 (PBXIP1 IHC Kit).



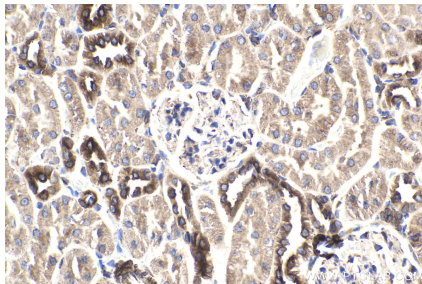
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC1866 (PBXIP1 IHC Kit).



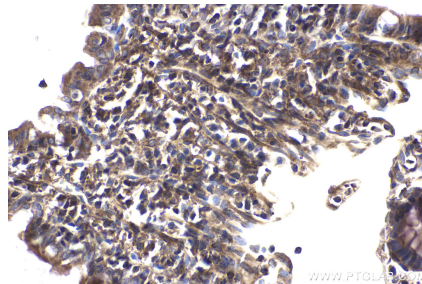
Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using KHC1866 (PBXIP1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using KHC1866 (PBXIP1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC1866 (PBXIP1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using KHC1866 (PBXIP1 IHC Kit).