

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

Catalog Number: **KHC1595**

## 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

TXK, also named as PTK4, is an enzyme that transfer a phosphate group from a phosphate donor, generally the γ phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation.

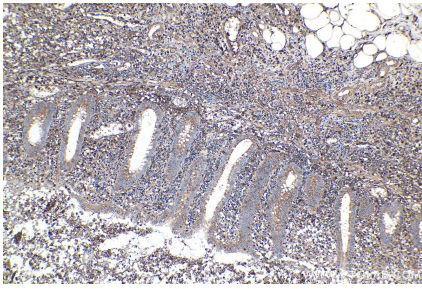
## Synonyms

BTKL, Protein tyrosine kinase 4, PSCTK5, PTK4, RLK, TKL, TXK, TXK tyrosine kinase, Tyrosine protein kinase TXK

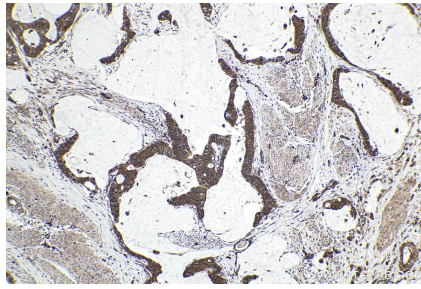
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

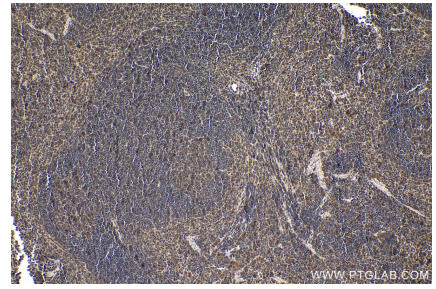
## Selected Validation Data



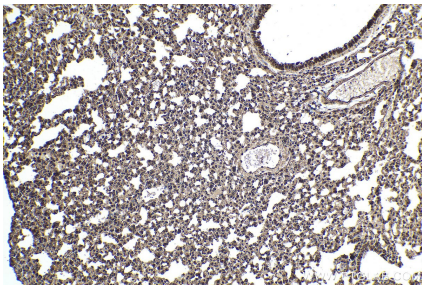
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using KHC1595 (TXK IHC Kit).



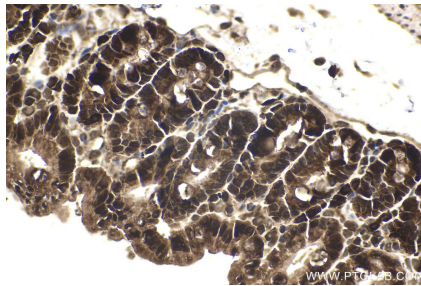
Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using KHC1595 (TXK IHC Kit).



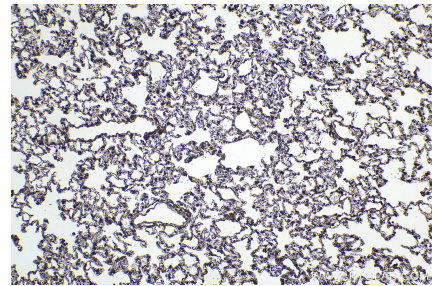
Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using KHC1595 (TXK IHC Kit).



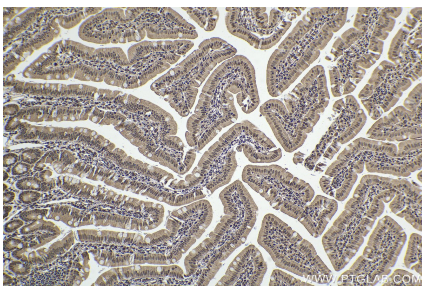
Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using KHC1595 (TXK IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using KHC1595 (TXK IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat lung tissue slide using KHC1595 (TXK IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using KHC1595 (TXK IHC Kit).