

# IHC*easy*TBC1D5 Ready-To-Use IHC Kit

Catalog Number: **KHC2748**

## 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

TBC1D5, a member of TBC (Tre2/Bub2/Cdc16)1 domain family, is a novel retromer-interacting protein. TBC1D5 is a Rab GTPase-activating proteins (GAPs) proteins that negatively regulates VPS35/29/26 recruitment and causes Rab7 to dissociate from the membrane. TBC1D5 could bridge the endosome and autophagosome via its C-terminal LIR motif, and Rab GAPs are implicated in the reprogramming of the endocytic trafficking events under starvation-induced autophagy.

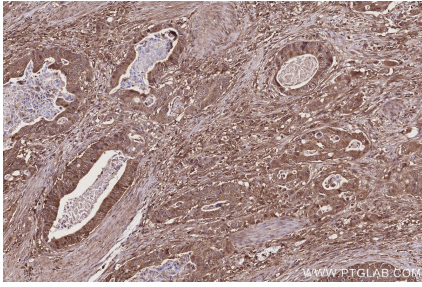
## Synonyms

KIAA0210, TBC1 domain family member 5, TBC1 domain family, member 5

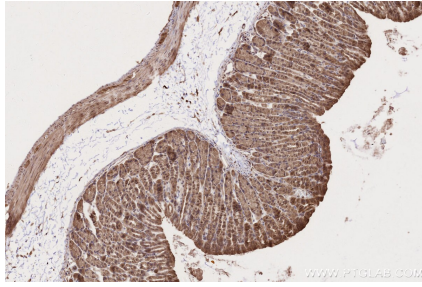
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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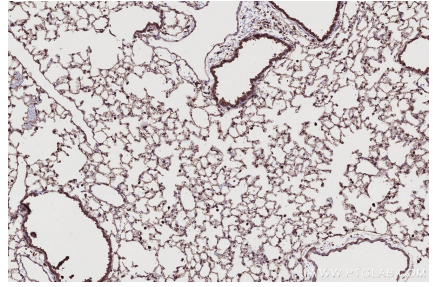
## Selected Validation Data



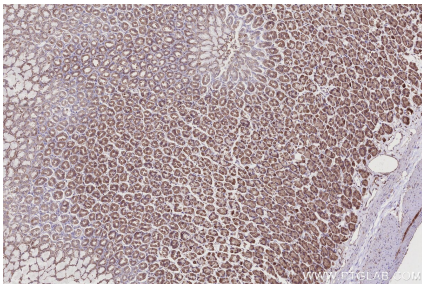
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC2748 (TBC1D5 IHC Kit).



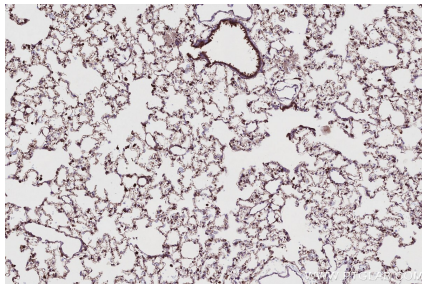
Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using KHC2748 (TBC1D5 IHC Kit).



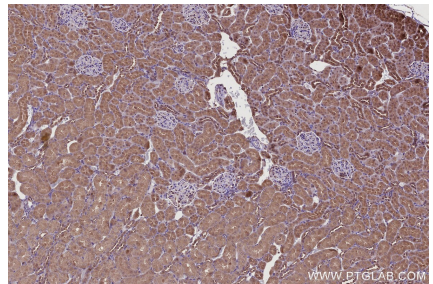
Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using KHC2748 (TBC1D5 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat stomach tissue slide using KHC2748 (TBC1D5 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat lung tissue slide using KHC2748 (TBC1D5 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC2748 (TBC1D5 IHC Kit).