

# IHCeasy<sup>®</sup> KTELC1 Ready-To-Use IHC Kit

Catalog Number: **KHC3292**

## 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.

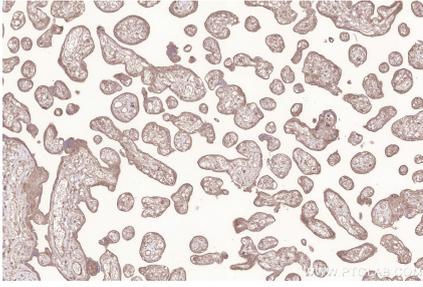
## Background

KTELC1 also termed as CLP46 is a glucosyltransferase, which implicates in Protein modification and glycosylation. KTELC1 is localized in endoplasmic reticulum lumen and abundantly expressed in liver, brain, heart, skeletal muscle, spleen, kidney, placenta, lung and peripheral blood leukocyte. KTELC1 may regulation in cell proliferation and Notch signal pathway.

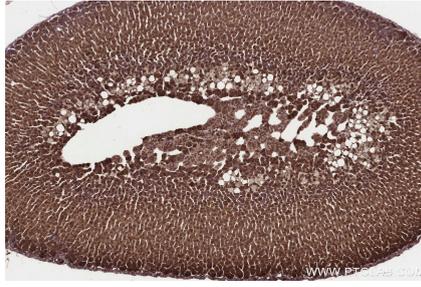
## Synonyms

C3orf9, CAP10 like 46 kDa protein, CAP10-like 46 kDa protein, CLP46, EC:2.4.1.376

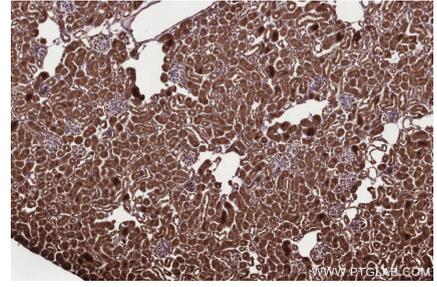
## Selected Validation Data



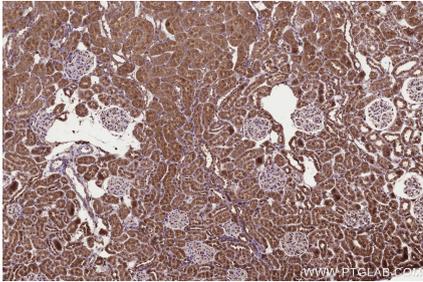
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC3292 (KTELC1 IHC Kit).



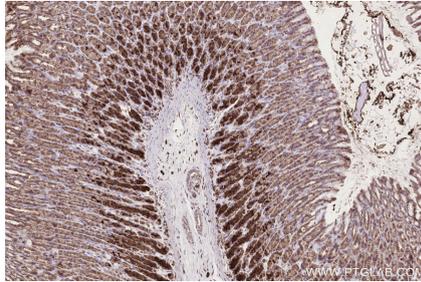
Immunohistochemical analysis of paraffin-embedded mouse adrenal gland tissue slide using KHC3292 (KTELC1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC3292 (KTELC1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC3292 (KTELC1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat stomach tissue slide using KHC3292 (KTELC1 IHC Kit).