

# IHCeasy<sup>®</sup> TMEM258 Ready-To-Use IHC Kit

Catalog Number: **KHC3236**

## 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.

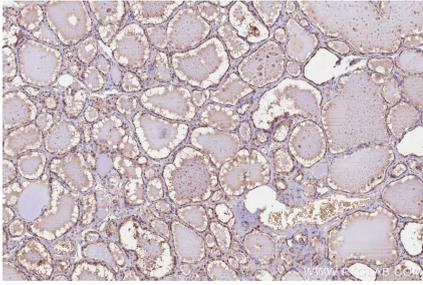
## Background

TMEM258, or transmembrane protein 258, is a component of the oligosaccharyltransferase (OST) complex. Research has shown that TMEM258 is involved in controlling ER stress and intestinal inflammation. In particular, it has been identified as a central regulator of intestinal homeostasis. The loss of TMEM258 leads to unresolved ER stress, which can result in apoptosis.

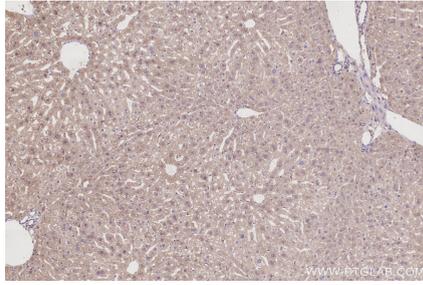
## Synonyms

C11orf10

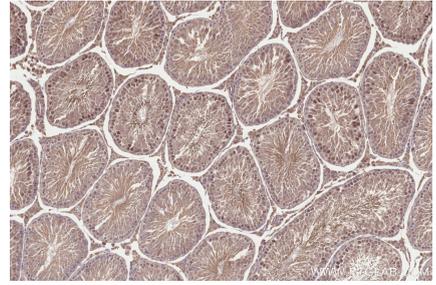
## Selected Validation Data



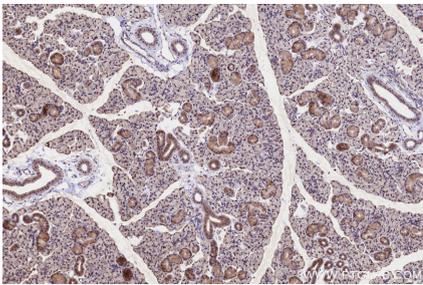
Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using KHC3236 (TMEM258 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC3236 (TMEM258 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using KHC3236 (TMEM258 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat salivary gland tissue slide using KHC3236 (TMEM258 IHC Kit).