

# IHCeasy<sup>®</sup> CCT8 Ready-To-Use IHC Kit

Catalog Number: **KHC3221**

## General Information

Sample type: FFPE tissue	Assay type: Immunohistochemistry
Cited sample type:	Primary antibody type:
Reactivity: Human, Rat	Mouse Monoclonal
Cited Reactivity:	Secondary antibody type: Polymer-HRP-Goat anti-Mouse

## 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.

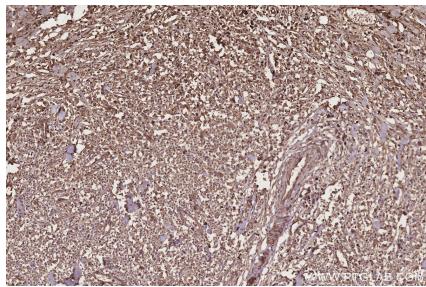
## Background

CCT8, also named as C21orf112, CCTQ, KIAA0002, CCT-theta, TCP-1-theta and NY-REN-15, belongs to the TCP-1 chaperonin family. It is a molecular chaperone; assists the folding of proteins upon ATP hydrolysis. As part of the BBS/CCT complex, CCT8 may play a role in the assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia. Dysregulation of CCT8 has been linked to proliferation and invasion of tumors.

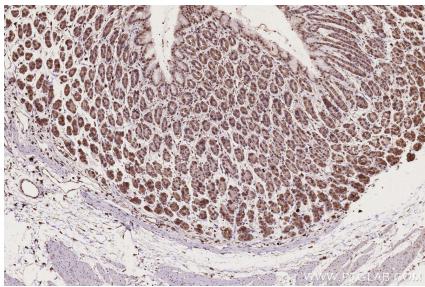
## Synonyms

C21orf112, CCT theta, CCTQ, CCT-theta, Chaperonin containing T-complex polypeptide 1 subunit 8

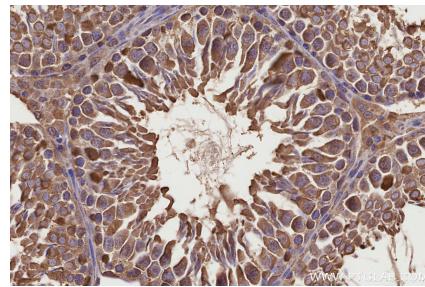
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC3221 (CCT8 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat stomach tissue slide using KHC3221 (CCT8 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using KHC3221 (CCT8 IHC Kit).