

## IHCeasy<sup>®</sup> CCT4 Ready-To-Use IHC Kit

Catalog Number: **KHC3222**

### General Information

|                                  |  |
|----------------------------------|--|
| Sample type:<br>FFPE tissue      | Assay type:<br>Immunohistochemistry                      |
| Cited sample type:               | Primary antibody type:                                   |
| Reactivity:<br>Human, Mouse, Rat | Rabbit Polyclonal  |
| Cited Reactivity:                | Secondary antibody type:<br>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.

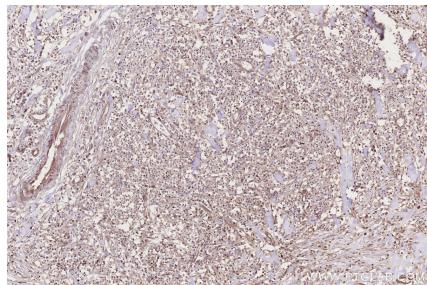
### Background

T-complex protein 1 subunit delta (CCT4) is a component of the chaperonin-containing T-complex (TRiC), a molecular chaperone complex that assists the folding of proteins upon ATP hydrolysis. As part of the TRiC complex, it may play a role in regulating telomere maintenance and assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia.

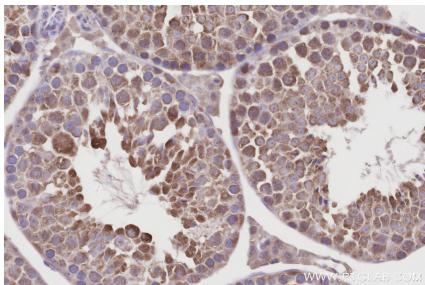
### Synonyms

CCTD, CCT-delta, Chaperonin containing T-complex polypeptide 1 subunit 4, SRB, Stimulator of TAR RNA-binding

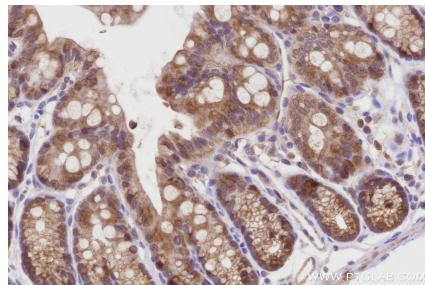
## Selected Validation Data



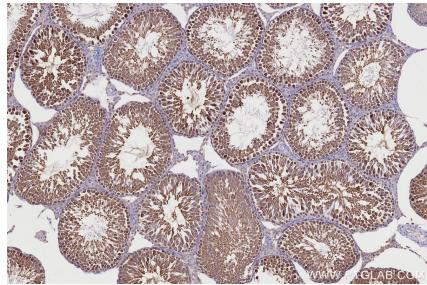
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC3222 (CCT4 IHC Kit).



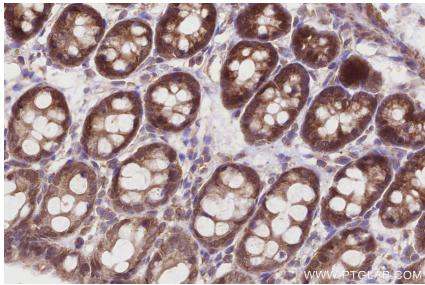
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC3222 (CCT4 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using KHC3222 (CCT4 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using KHC3222 (CCT4 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat colon tissue slide using KHC3222 (CCT4 IHC Kit).