

# TCP-1 Epsilon Polyclonal Antibody

### Description

Product type Primary Antibody

Code BT-AP08899

Host Rabbit

Isotype IgG

**Size** 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human CCT5. AA range:241-290

Mol wt 59671

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name TCP-1 epsilon Antibody

Synonyms CCT5; CCTE; KIAA0098; T-complex protein 1 subunit epsilon; TCP-1-epsilon; CCT-epsilon

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

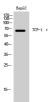
The chaperonin containing TCP1 subunit 5 encoded by CCT5 is a molecular chaperone that is a member of the chaperonin containing TCP1 complex (CCT), also known as the TCP1 ring complex (TRiC). This complex consists of two identical stacked rings, each containing eight different proteins. Unfolded polypeptides enter the central cavity of the complex and are folded in an ATP-dependent manner. The complex folds various proteins, including actin and tubulin. Mutations in this gene cause hereditary sensory and autonomic neuropathy with spastic paraplegia (HSNSP). Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 5 and 13.

## Recommended Dilution

WB: 1: 500 - 1: 2000 ELISA: 1: 10000

Not yet tested in other applications.

## **Images**



Western Blot analysis of HepG2 cells using TCP-1  $\epsilon$  Polyclonal Antibody

# Storage

-20°C for one year