

CCT5

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 59kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human CCT5

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CCTE; HEL-S-69; CCT-epsilon; TCP-1-epsilon;

Catalog #: A6549

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 22948

Isotype: IgG

Swiss Prot: P48643

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene 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. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. In addition, three pseudogenes of this gene have been identified.

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