

Anti-TCP1 delta/CCT4 Antibody Picoband® HRP Conjugated

Catalog Number: PB9927-HRP

About CCT4

T-complex protein 1 subunit delta is a protein that in humans is encoded by the CCT4 gene. This gene is mapped to 2p15. The chaperonin containing TCP1 complex (CCT), also called the TCP1 ring complex, consists of 2 back-to-back rings, each containing 8 unique but homologous subunits, such as CCT4. CCT assists the folding of newly translated polypeptide substrates through multiple rounds of ATP-driven release and rebinding of partially folded intermediate forms. Substrates of CCT include the cytoskeletal proteins actin and tubulin, as well as alpha-transducin.

Overview

Product Name	Anti-TCP1 delta/CCT4 Antibody Picoband® HRP Conjugated
Reactive Species	Human, Mouse, Rat
Application	WB, IHC, ELISA
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P50991

Technical Details

Immunogen	E. coli-derived human CCT4 recombinant protein (Position: R452-R539). Human CCT4 shares 97.7% amino acid (aa) sequence identity with both mouse and rat CCT4.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP
Suggested Dilutions	Western blot, Optimal dilutions should be determined by end users. Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users. ELISA, Optimal dilutions should be determined by end users.

1 Publications Citing This Product

1. PubMed ID: , Denatured corona proteins mediate the intracellular bioactivities of nanoparticles via the unfolded protein response

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