



Human CCT3 blocking peptide (CDBP0729)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-CCT3/TCP1 antibody
Antigen Description	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 have been characterized for this gene. In addition, a pseudogene of this gene has been found on chromosome 8.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	CCT3 chaperonin containing TCP1, subunit 3 (gamma) [Homo sapiens]
Official Symbol	CCT3
Synonyms	CCT3; chaperonin containing TCP1, subunit 3 (gamma); TRiC5; T-complex protein 1 subunit

gamma; Cctg; hTRiC5; T-complex protein 1, gamma subunit; TCP1 (t-complex-1) ring complex, polypeptide 5; CCTG; PIG48; CCT-gamma; TCP-1-gamma;

Entrez Gene ID	7203
mRNA Refseq	NM_001008800
Protein Refseq	NP_001008800
UniProt ID	P49368
Chromosome Location	1q23
Pathway	Association of TriC/CCT with target proteins during biosynthesis, organism-specific biosystem; Chaperonin-mediated protein folding, organism-specific biosystem; Cooperation of Prefoldin and TriC/CCTin actin and tubulin folding, organism-specific biosystem; Folding of actin by CCT/TriC, organism-specific biosystem; Formation of tubulin folding intermediates by CCT/TriC, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Prefoldin mediated transfer of substrateto CCT
Function	ATP binding; nucleotide binding; protein binding; unfolded protein binding;