



Anti-CCT6A (internal region) polyclonal antibody (CPBT-52403RH)

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

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Human CCT6A.
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 of this gene, encoding different isoforms, have been characterized. In addition, several pseudogenes of this gene have been located.
Immunogen	Synthetic peptide derived from an internal sequence of Human CCT6A.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Cellular Localization	Cytoplasmic
Format	Liquid
Size	100 µg
Buffer	pH: 7.40Preservative:0.02% Sodium azideConstituents:49.1% PBS, 0.88% Sodium chloride,

50% GlycerolNote: PBS (without Mg2+ and Ca2+)

Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Stable for 12 months at -20°C

GENE INFORMATION

Gene Name	CCT6A chaperonin containing TCP1, subunit 6A (zeta 1) [Homo sapiens]
Official Symbol	CCT6A
Synonyms	CCT6A; chaperonin containing TCP1, subunit 6A (zeta 1); CCT6; T-complex protein 1 subunit zeta; Cctz; HTR3; TCP20; TCPZ; TTCP20; Acute morphine dependence related protein 2; Amino acid transport defect complementing; CCT zeta 1; CCT zeta; CCT6; CCTZ; Chaperonin containing T complex subunit 6; Chaperonin containing TCP1 subunit 6A; Chaperonin containing TCP1 subunit 6A (zeta 1); Histidine transport regulator 3; HTR3; MGC126214; MGC126215; MoDP 2; MoDP2; T complex protein 1 subunit zeta; T complex protein 1 zeta subunit; TCP 1 zeta; TCP1 zeta; TCP20; TCPZ; TTCP20; histidine transport regulator 3; T-complex protein 1, zeta subunit; amino acid transport defect-complementing; chaperonin containing T-complex subunit 6; acute morphine dependence related protein 2; acute morphine dependence-related protein 2; MoDP-2; CCT-zeta; CCT-zeta-1; TCP-1-zeta;
Entrez Gene ID	908
Protein Refseq	NP_001009186
UniProt ID	P40227
Chromosome Location	7p11.2
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; unfolded protein binding;