

KD-Validated Anti-CCT2 beta Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI2241

Product Information

Application	WB, FC
Primary Accession	P78371
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	25GB1740
Calculated MW	57488
Gene Name	CCT2
Aliases	CCT2; Chaperonin Containing TCP1 Subunit 2; Cctb; Chaperonin Containing TCP1, Subunit 2 (Beta); T-Complex Protein 1 Subunit Beta; TCP-1-Beta; CCT-Beta; 99D8.1; Chaperonin Containing T-Complex Polypeptide 1, Beta Subunit; Chaperonin Containing T-Complex Polypeptide 1, Subunit 2; Chaperonin Containing T-Complex Polypeptide 1 Subunit 2; Epididymis Secretory Sperm Binding Protein Li 100n; T-Complex Protein 1, Beta Subunit; HEL-S-100n; PRO1633; CCTB
Immunogen	A synthesized peptide derived from human TCP 1 beta

Additional Information

Gene ID	10576
Other Names	T-complex protein 1 subunit beta, TCP-1-beta, CCT-beta, Chaperonin containing T-complex polypeptide 1 subunit 2, CCT2, 99D8.1, CCTB

Protein Information

Name	CCT2 {ECO:0000303 PubMed:25467444, ECO:0000312 HGNC:HGNC:1615}
Function	Component of the chaperonin-containing T-complex (TRiC), a molecular chaperone complex that assists the folding of actin, tubulin and other proteins upon ATP hydrolysis (PubMed: 25467444 , PubMed: 36493755 , PubMed: 35449234 , PubMed: 37193829). The TRiC complex mediates the folding of WRAP53/TCAB1, thereby regulating telomere maintenance (PubMed: 25467444). As part of the TRiC complex may play a role in the assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia (PubMed: 20080638).
Cellular Location	Cytoplasm.

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