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KD-Validated Anti-T-Complex 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1797

Product Information

Application	WB, FC, ICC
Primary Accession	P17987
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB4245
Calculated MW	60344
Gene Name	GK
Aliases	TCP1; T-Complex 1; CCT1; D6S230E; Ccta; T-Complex Protein 1 Subunit Alpha; TCP-1-Alpha; CCT-Alpha; T-Complex Protein 1, Alpha Subunit; Tailless Complex Polypeptide 1; T-Complex 1 Protein; CCTA
Immunogen	A synthesized peptide derived from human TCP1 alpha

Additional Information

Gene ID	6950
Other Names	T-complex protein 1 subunit alpha, TCP-1-alpha, CCT-alpha, Chaperonin containing T-complex polypeptide 1 subunit 1, TCP1, CCT1, CCTA

Protein Information

Name	TCPA
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, cytosol. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

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