



Anti-Cct Theta monoclonal antibody, clone PK/13/72/8k (CABT-54843RC)

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

PRODUCT INFORMATION

Product Overview	This product recognises the theta polypeptide of the CCT chaperonin molecule complex. The intact CCT complex is composed of eight polypeptides in a double-ring structure. CCT is important within cells in aiding the folding of proteins including actin, tubulin and the VHL tumour suppressor protein. Western Blotting detects a band of approximately 60kD in lysates of heat shocked Hela cells.
Specificity	CCT THETA
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Bovine, Human, Mouse, Rabbit
Clone	PK/13/72/8k
Conjugate	Unconjugated
Applications	IP; WB
Format	Purified IgG - liquid
Size	100 µg
Preservative	See individual product datasheet
Storage	in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CCT8 chaperonin containing TCP1, subunit 8 (theta) [Bos taurus (cattle)]
Official Symbol	CCT8
Synonyms	CCT8; T-complex protein 1 subunit theta; CCT-theta; TCP-1-theta; CCT THETA;
Entrez Gene ID	281047
Protein Refseq	NP_001028781.1
UniProt ID	Q3ZCI9
Chromosome Location	1
Pathway	Association of TriC/CCT with target proteins during biosynthesis; Chaperonin-mediated protein folding; Cooperation of Prefoldin andTriC/CCT in actin and tubulin folding; Folding of actin by CCT/TriC; Formation of tubulin folding intermediates by CCT/TriC; Metabolism of proteins; Prefoldin mediated transfer of substrate to CCT/TriC; Protein folding;
Function	ATP binding; unfolded protein binding;