

Product Data Sheet

Anti-CCT3 Antibody

Catalog #	Source	Reactivity	Applications
CQA1872	Rabbit	H, M, R	WB, IH, IF/IC
Description	Rabbit polyclonal antibody to CCT3		
Immunogen	Recombinant full length protein of human CCT3		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of CCT3 protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000), IH (1/50 - 1/200), IF/IC (1/50 - 1/200)		
Gene Symbol	CCT3		
Alternative Names	CCTG; TRIC5; T-complex protein 1 subunit gamma; TCP-1-gamma; CCT-gamma; hTRiC5		
Entrez Gene	7203 (Human); 12462 (Mouse); 295230 (Rat)		
SwissProt	P49368 (Human); P80318 (Mouse); Q6P502 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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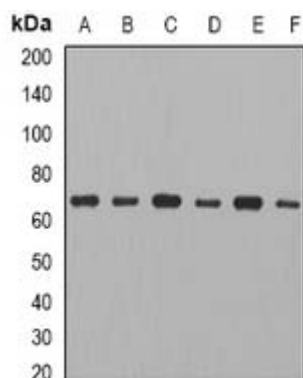
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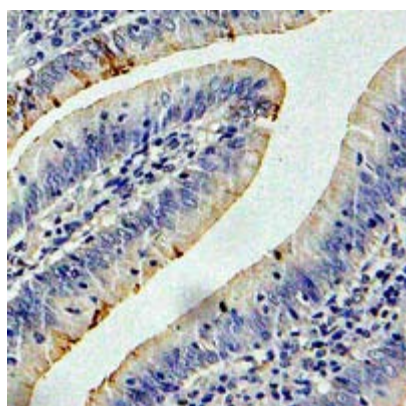
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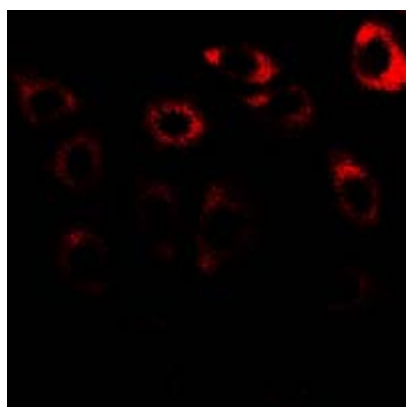
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Western blot analysis of CCT3 expression in MCF7 (A), THP1 (B), mouse ovary (C), mouse thymus (D), rat spleen (E), rat heart (F) whole cell lysates.



Immunohistochemical analysis of CCT3 staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of CCT3 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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