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CCT8 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12627

Product Information

Application	WB
Primary Accession	Q5RAP1
Other Accession	NM_006585, NP_006576
Reactivity	Human, Mouse, Rat, Zebrafish, Dog, Guinea Pig, Horse, Bovine, Yeast
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Chicken, Dog, Guinea Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59621

Additional Information

Gene ID	100172606
Alias Symbol	Cctq, D21S246, KIAA0002, PRED71, C21orf112
Other Names	T-complex protein 1 subunit theta, TCP-1-theta, CCT-theta, CCT8
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-CCT8 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	CCT8 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CCT8
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. The TRiC complex mediates the folding of WRAP53/TCAB1, thereby regulating telomere maintenance. 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.
Cellular Location	Cytoplasm {ECO:0000250|UniProtKB:P50990}. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome {ECO:0000250|UniProtKB:P50990}. Cytoplasm, cytoskeleton, cilium basal body {ECO:0000250|UniProtKB:P42932}

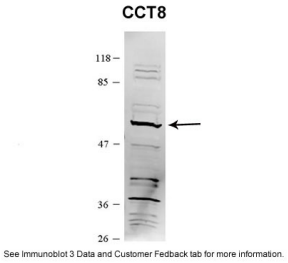
References

Suzuki,Y.,Gene200(1-2),149-156(1997)ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.Publications:Spellman,C.,Ahmed,M.M.,Dubach,D.&Gardiner,K.J.Expressionoftrisomicproteinsin Downsyndromemodelsystems.Gene512,219-225(2013).WB,Human,Yeast,Rat,Dog,Horse,Bovine,Guineapig,Mouse,Zebrafish23103828

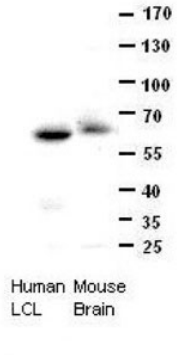
Images



WB Suggested Anti-CCT8 Antibody Titration: 0.2-1 µg/ml
Positive Control: Jurkat cell lysate
.CCT8 is strongly supported by BioGPS gene expression data to be expressed in Jurkat



CCT8 antibody - C-terminal region validated by WB using HEK 293T at 1:1,000 dilution for antibody samples and 1:10,000 for secondary antibodies.CCT8 is strongly supported by BioGPS gene expression data to be expressed in Human HEK293T cells



CCT8 antibody - C-terminal region validated by WB using human lymphoblastoid & mouse brain

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.