

# CCT8 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12627

## Product Information

<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q5RAP1</a>
<b>Other Accession</b>	<a href="#">NM_006585</a> , <a href="#">NP_006576</a>
<b>Reactivity</b>	Human, Mouse, Rat, Zebrafish, Dog, Guinea Pig, Horse, Bovine, Yeast
<b>Predicted</b>	Human, Mouse, Rat, Rabbit, Zebrafish, Chicken, Dog, Guinea Pig, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	59621

## Additional Information

<b>Gene ID</b>	100172606
<b>Alias Symbol</b>	Cctq, D21S246, KIAA0002, PRED71, C21orf112
<b>Other Names</b>	T-complex protein 1 subunit theta, TCP-1-theta, CCT-theta, CCT8
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	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.
<b>Precautions</b>	CCT8 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

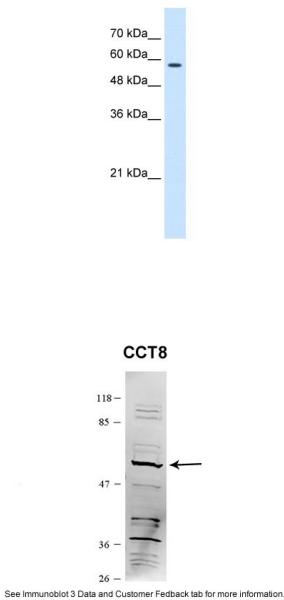
## Protein Information

<b>Name</b>	CCT8
<b>Function</b>	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.
<b>Cellular Location</b>	Cytoplasm {ECO:0000250 UniProtKB:P50990}. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome {ECO:0000250 UniProtKB:P50990}. Cytoplasm, cytoskeleton, cilium basal body {ECO:0000250 UniProtKB:P42932}

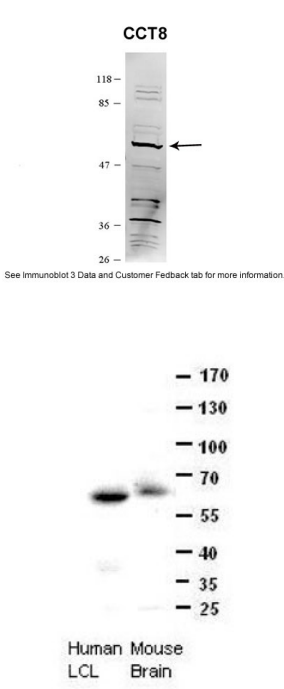
# References

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.ExpressionoftrisomicproteinsinDownsyndromemodelsystems.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'.