

CCT8 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12627**Specification**

CCT8 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q5RAP1
Other Accession	NM_006585 , NP_006576
Reactivity	Human, Mouse, Rat, Zebrafish, Horse, Yeast, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Chicken, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59kDa kDa

CCT8 antibody - C-terminal region - 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.

CCT8 antibody - C-terminal region - Protein Information**Name** CCT8**Function**

Component of the chaperonin-containing T-complex (TRiC), a molecular chaperone complex that assists the folding of 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. The TRiC complex plays a role in the folding of actin and tubulin.

Cellular Location

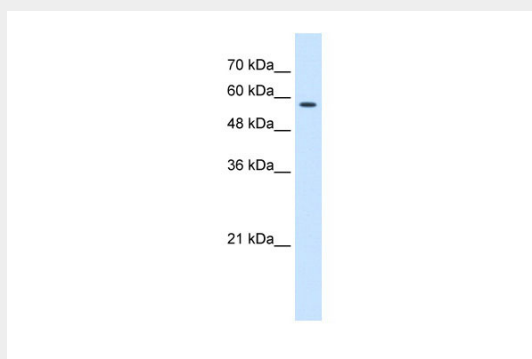
Cytoplasm {ECO:0000250|UniProtKB:P50990}. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome {ECO:0000250|UniProtKB:P50990}. Cytoplasm, cytoskeleton, cilium basal body {ECO:0000250|UniProtKB:P42932}

CCT8 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

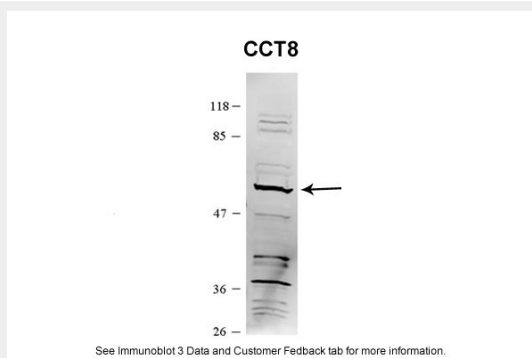
CCT8 antibody - C-terminal region - Images



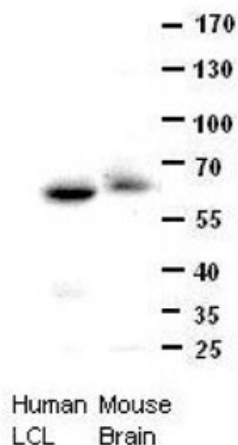
WB Suggested Anti-CCT8 Antibody Titration: 0.2-1 µg/ml

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

CCT8 antibody - C-terminal region - References

Suzuki, Y., *Gene* 200(1-2), 149-156 (1997) Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. Publications: Spellman, C., Ahmed, M. M., Dubach, D. & Gardiner, K. J. Expression of trisomic proteins in Down syndrome model systems. *Gene* 512, 219-225 (2013). WB, Human, Yeast, Rat, Dog, Horse, Bovine, Guinea pig, Mouse, Zebrafish 23103828