

CCT4 Rabbit pAb

Catalog No.: A6548

2 Publications

Basic Information

Observed MW

60kDa

Calculated MW

58kDa

Category

Primary antibody

Applications

ELISA,WB,IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

The chaperonin containing TCP1 (MIM 186980) complex (CCT), also called the TCP1 ring complex, consists of 2 back-to-back rings, each containing 8 unique but homologous subunits, such as CCT4. CCT assists the folding of newly translated polypeptide substrates through multiple rounds of ATP-driven release and rebinding of partially folded intermediate forms. Substrates of CCT include the cytoskeletal proteins actin (see MIM 102560) and tubulin (see MIM 191130), as well as alpha-transducin (MIM 139330) (Won et al., 1998 [PubMed 9819444]).

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:100 - 1:500

Immunogen Information

Gene ID

10575

Swiss Prot

P50991

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 130-390 of human CCT4 (NP_006421.2).

Synonyms

SRB; Cctd; CCT-DELTA; CCT4

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

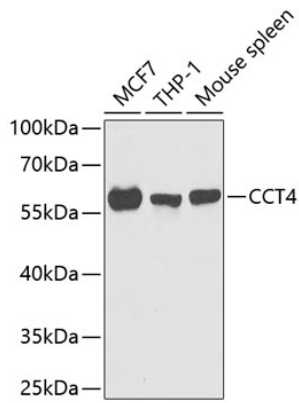
Affinity purification

Storage

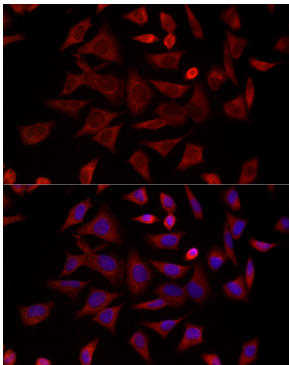
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using CCT4 antibody (A6548) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Immunofluorescence analysis of HeLa cells using CCT4 Rabbit pAb (A6548) at dilution of 1:300 (40x lens). Blue: DAPI for nuclear staining.