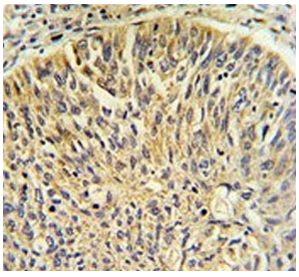
TCP1 gamma Antibody / CCT3 (F54786)

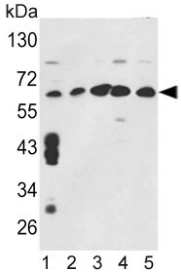
Catalog No.	Formulation	Size
F54786-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54786-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

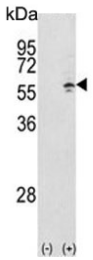
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P49368
Localization	Cytoplasmic
Applications	Flow Cytometry : 1:25 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:1000
Limitations	This TCP1 gamma antibody is available for research use only.



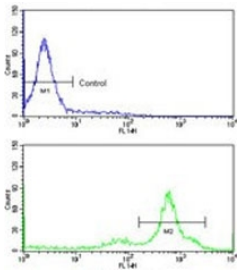
IHC testing of FFPE human lung carcinoma tissue with TCP1 gamma antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human 1) MCF7, 2) CCRF-CEM, 3) K562, 4) HL60 and 5) HeLa cell lysate with TCP1 gamma antibody. Predicted molecular weight ~61 kDa.



Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with TCP1 gamma antibody.



Flow cytometry testing of human K562 cells with TCP1 gamma antibody; Blue=isotype control, Green= TCP1 gamma antibody.

Description

CCT3 is a molecular chaperone that is member of the chaperonin containing TCP1 complex (CCT), also known as the TCP1 ring complex (TRiC). This complex consists of two identical stacked rings, each containing eight different proteins. Unfolded polypeptides enter the central cavity of the complex and are folded in an ATP-dependent manner. The complex folds various proteins, including actin and tubulin.

Application Notes

The stated application concentrations are suggested starting points. Titration of the TCP1 gamma antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 298-326 from the human protein was used as the immunogen for the TCP1 gamma antibody.

Storage

Aliquot the TCP1 gamma antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.