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Datasheet for ABIN7171423 anti-CCT7 antibody (AA 240-543)

3 Images



Overview

Quantity:	100 µg
Target:	CCT7
Binding Specificity:	AA 240-543
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCT7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human T-complex protein 1 subunit eta protein (240-543AA)
lsotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

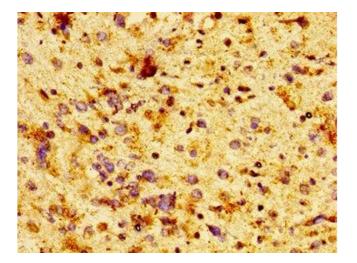
Target:	CCT7
Alternative Name:	CCT7 (CCT7 Products)
Background:	Background: Molecular chaperone, assists the folding of proteins upon ATP hydrolysis. Known to play a role, in vitro, in the folding of actin and tubulin (By similarity).

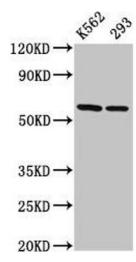
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	Aliases: CCT ETA antibody, CCT-eta antibody, CCT7 antibody, CCTETA antibody, Ccth antibody,
	Chaperonin containing t complex polypeptide 1 eta subunit antibody, Chaperonin containing
	TCP1 subunit 7 (eta) antibody, Chaperonin containing TCP1 subunit 7 antibody, HIV 1 Nef
	interacting protein antibody, HIV-1 Nef-interacting protein antibody, Nip7 1 antibody, T complex
	protein 1 eta subunit antibody, T-complex protein 1 subunit eta, N-terminally processed
	antibody, TCP-1-eta antibody, TCP1eta antibody, TCPH_HUMAN antibody
UniProt:	Q99832

Application Details

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



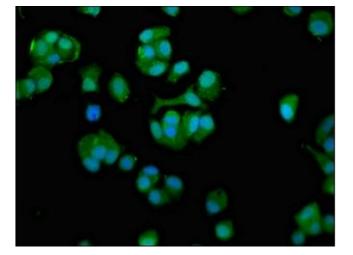


Immunohistochemistry

Image 1. IHC image of ABIN7171423 diluted at 1:100 and staining in paraffin-embedded human glioma performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Western Blotting

Image 2. Western Blot Positive WB detected in: K562 whole cell lysate, 293 whole cell lysate All lanes: CCT7 antibody at $3 \mu g/mL$ Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 60, 38, 55, 51 kDa Observed band size: 60 kDa



Immunofluorescence

Image 3. Immunofluorescence staining of MCF-7 cells with ABIN7171423 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

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