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Datasheet for ABIN7262409 anti-CCT4 antibody

6 Images



### Overview

Quantity:	200 µL
Target:	CCT4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCT4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

# Product Details

Immunogen:	Recombinant fusion protein of human CCT4 (NP_006421.2).
lsotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	CCT4
Alternative Name:	CCT4 (CCT4 Products)
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.

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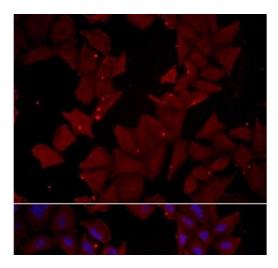
## Target Details

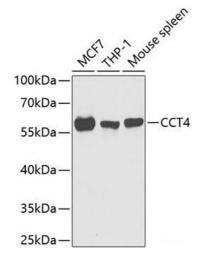
Storage:

	Substrates of CCT include the cytoskeletal proteins actin (see MIM 102560) and tubulin (see MIM 191130), as well as alpha-transducin.
Molecular Weight:	Observed_MW: 60 kDa Calculated_MW: 54 kDa/57 kDa
Gene ID:	10575
UniProt:	P50991
Pathways:	Embryonic Body Morphogenesis
Application Details	
Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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

-20 °C



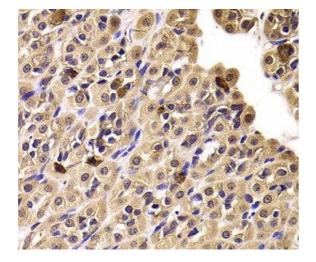


#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of HeLa cells using CCT4 Polyclonal Antibody

### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines using CCT4 Polyclonal Antibody at dilution of 1:1000.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry of paraffin-embedded Rat stomach using CCT4 Polyclonal Antibody at dilution of 1:100 (40x lens).

Please check the product details page for more images. Overall 6 images are available for ABIN7262409.

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