



TCP-1 θ Polyclonal Antibody

Catalog No	YP-Ab-03196
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	CCT8
Immunogen	The antiserum was produced against synthesized peptide derived from human CCT8. AA range:361-410
Specificity	TCP-1 θ Polyclonal Antibody detects endogenous levels of TCP-1 θ protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	$\geq 90\%$
Storage Stability	-20°C/1 year
Synonyms	TCP-1 θ ;CCT8;T-complex protein 1 subunit theta;C21orf112;CCTQ;KIAA0002; TCP-1-theta;CCT-theta;Renal carcinoma antigen NY-REN-15
Observed Band	60kD
Calculated Molecular Weight	60kD
Cell Pathway	Cytoplasm . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Cytoplasm, cytoskeleton, cilium basal body .
Tissue Specificity	Adipose tissue,B-cell lymphoma,Bone marrow,Chondrosarcoma,Epithelium
Function	function:Molecular chaperone; assist the folding of proteins upon ATP hydrolysis. Known to play a role, in vitro, in the folding of actin and tubulin., similarity:Belongs to the TCP-1 chaperonin family.,subunit:Heterooligomeric complex of about 850 to 900 kDa that forms two stacked rings, 12 to 16 nm in diameter. Interacts with PACRG.,
Background	This gene encodes the theta subunit of the CCT chaperonin, which is abundant in the eukaryotic cytosol and may be involved in the transport and assembly of newly synthesized proteins. Alternative splicing results in multiple transcript variants of this gene. A pseudogene related to this gene is located on



chromosome 1. [provided by RefSeq, Sep 2013],

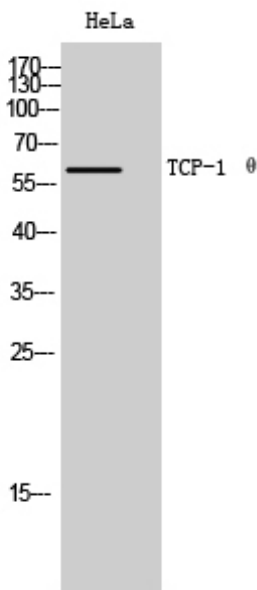
matters needing attention

Avoid repeated freezing and thawing!

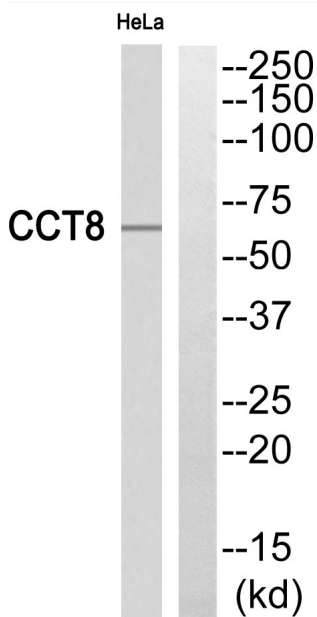
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

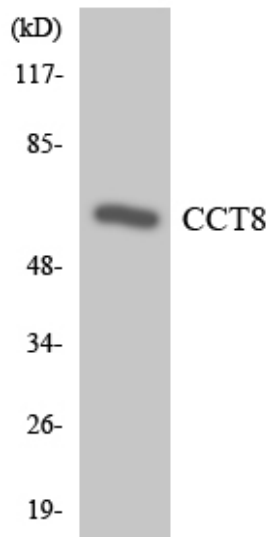
Products Images



Western Blot analysis of HeLa cells using TCP-1 ̑ Polyclonal Antibody



Western blot analysis of CCT8 Antibody. The lane on the right is blocked with the CCT8 peptide.



Western blot analysis of the lysates from HeLa cells using CCT8 antibody.