



TCP-1 ζ Polyclonal Antibody

Catalog No	YP-Ab-03194
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	CCT6A
Immunogen	The antiserum was produced against synthesized peptide derived from human CCT6A. AA range:171-220
Specificity	TCP-1 ζ Polyclonal Antibody detects endogenous levels of TCP-1 ζ 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	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TCP-1 ζ ;CCT6A;T-complex protein 1 subunit zeta;CCT6;CCTZ;TCP-1-zeta; Acute morphine dependence-related protein 2;CCT-zeta-1;HTR3;Tcp20
Observed Band	60kD
Calculated Molecular Weight	60kD
Cell Pathway	Cytoplasm .
Tissue Specificity	B-cell,Brain,Cajal-Retzius cell,Platelet,
Function	caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data., function:Molecular chaperone; assists 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	The protein encoded by this gene is a molecular chaperone that is a 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. Alternate transcriptional splice variants of this gene, encoding different isoforms, have been characterized. In addition, several pseudogenes of this gene have been located. [provided by RefSeq, Jun 2010],

matters needing attention

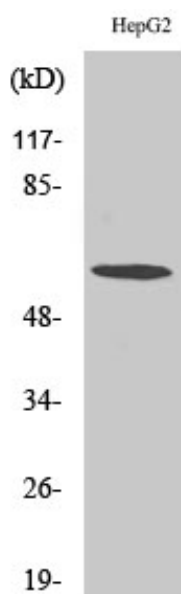
Avoid repeated freezing and thawing!

Usage suggestions

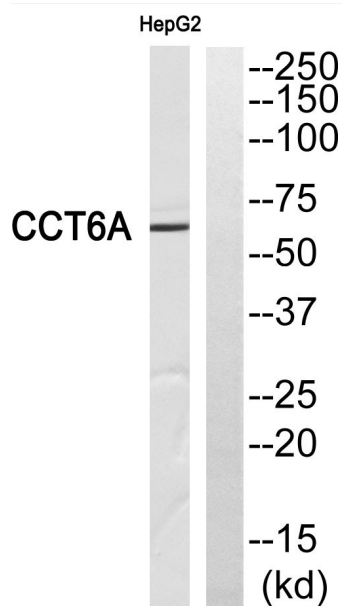
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



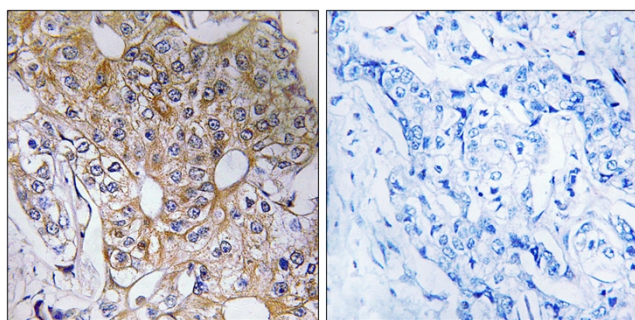
Products Images



Western Blot analysis of various cells using TCP-1 ̑ Polyclonal Antibody diluted at 1:500



Western blot analysis of CCT6A Antibody. The lane on the right is blocked with the CCT6A peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using CCT6A Antibody. The picture on the right is blocked with the synthesized peptide.