TCP-1 ε rabbit pAb

Cat#: orb768153 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	TCP-1 ε rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human CCT5. AA range:241-290
Specificity	TCP-1 ε Polyclonal Antibody detects endogenous levels of TCP-1 ε protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	T-complex protein 1 subunit epsilon
Gene Name	CCT5
Cellular localization	Cytoplasm . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

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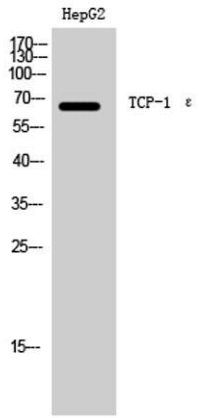
Concentration	1 mg/ml
Observed band	67kD
Human Gene ID	22948
Human Swiss-Prot Number	P48643
Alternative Names	CCT5; CCTE; KIAA0098; T-complex protein 1 subunit epsilon; TCP-1-epsilon; CCT-epsilon
Background	The protein encoded by this gene is a molecular chaperone that is a member of the chaperonin containing 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. Mutations in this gene cause hereditary sensory and autonomic neuropathy with spastic paraplegia (HSNSP). Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 5 and 13. [provided by RefSeq, Apr 2015],



Western Blot analysis of HepG2 cells using TCP-1 ε Polyclonal Antibody

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