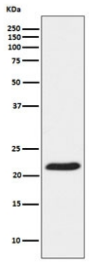
TCTP Antibody / TPT1 [clone ACDD-20] (RQ5413)

Catalog No.	Formulation	Size
RQ5413	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	ACDD-20
Purity	Affinity purified
UniProt	P13693
Applications	Western Blot : 1:1000-1:5000
Limitations	This TCTP antibody is available for research use only.



Western blot testing of human HeLa cell lysate with TCTP antibody. Predicted molecular weight ~20 kDa.

Description

The TPT1 gene encodes a protein that is a regulator of cellular growth and proliferation. Its mRNA is highly structured and contains an oligopyrimidine tract (5'-TOP) in its 5' untranslated region that functions to repress its translation under quiescent conditions. The encoded protein is involved in a variety of cellular pathways, including apoptosis, protein synthesis and cell division. It binds to and stabilizes microtubules, and removal of this protein through phosphorylation is required for progression through mitotic and meiotic cell divisions. This gene is known to play a role in carcinogenesis, and is upregulated in some cancer cells. Alternative splicing results in multiple transcript variants encoding different

isoforms. [RefSeq]

Application Notes

Optimal dilution of the TCTP antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human TCTP / TPT1 was used as the immunogen for the TCTP antibody.

Storage

Store the TCTP antibody at -20oC.

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