

TCTP/TPT1 Rabbit pAb

Catalog No.: A13367

Basic Information

Observed MW

20kDa

Calculated MW

20kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse

Background

This 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.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID	Swiss Prot
7178	P13693

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-172 of human TCTP/TCTP/TPT1 (NP_003286.1).

Synonyms

HRF; p02; p23; TCTP; TCTP/TPT1

Contact

 | www.abclonal.com

Product Information

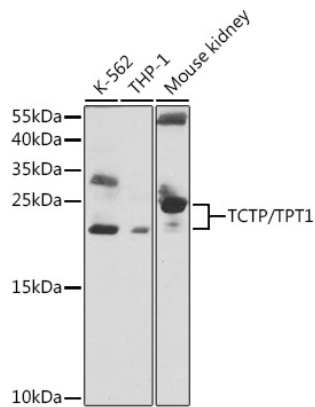
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data

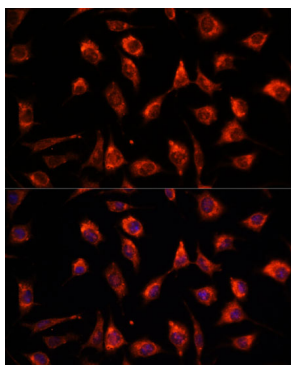


Western blot analysis of extracts of various cell lines, using TCTP/TCTP/TPT1 antibody (A13367) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of L929 cells using TCTP/TCTP/TPT1 antibody (A13367) at dilution of 1:100. Blue: DAPI for nuclear staining.