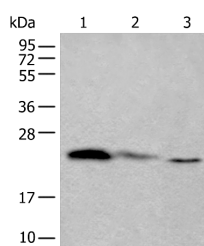


TPT1 Polyclonal Antibody

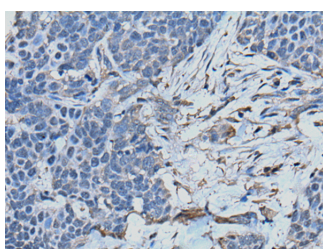
Catalog No.	E-AB-52221	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

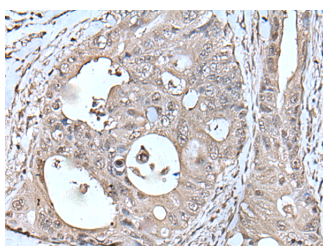
Images



Western blot analysis of 293T and Hela cell lysates using TPT1 Polyclonal Antibody at dilution of 1:450



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TPT1 Polyclonal Antibody at dilution of 1:45(×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TPT1 Polyclonal Antibody at dilution of 1:45(×200)

Immunogen Information

Immunogen	Full length fusion protein
Gene Accession	BC003352
Swissprot	P13693
Synonyms	Fortilin,HRF,p02,p23,TCTP,TCTP,tpt1

Product Information

Calculated MW	20 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:30-1:150, ELISA 1:5000-1:10000

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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.