

## TPT1 Polyclonal Antibody

Catalog number: 10824-1-AP

Size: 38 µg/150 µl

Source: Rabbit

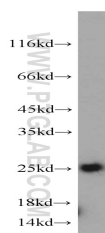
Isotype: IgG

Synonyms:

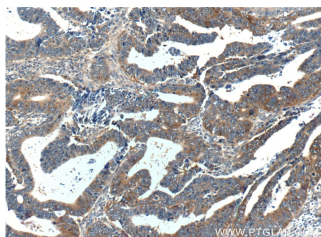
TPT1; FLJ27337, Fortilin,

Histamine releasing factor, HRF,

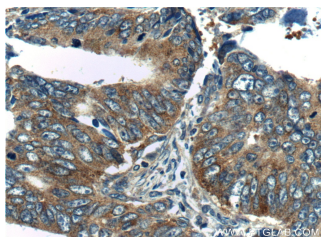
p02, p23, TCTP, TPT1



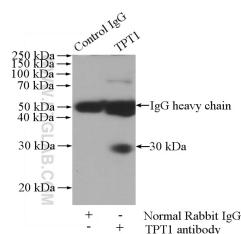
mouse placenta tissue were subjected to SDS PAGE followed by western blot with 10824-1-AP(TPT1 antibody) at dilution of 1:800



Immunohistochemistry of paraffin-embedded human colon cancer tissue slide using 10824-1-AP( TPT1 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemistry of paraffin-embedded human colon cancer tissue slide using 10824-1-AP( TPT1 Antibody) at dilution of 1:200 (under 40x lens).



IP Result of anti-TPT1

### Background

The translationally controlled tumor protein (TPT1, also known as TCTP) is a highly conserved, abundantly expressed protein associated with cell growth and apoptosis regulation. It is overexpressed in most tumor cells and its down-regulation decreases the viability of those cells. This antibody detected 22-25 kDa TPT1 in lysates. An additional band around 50 kDa can also be observed occasionally, possibly representing the dimer form of TPT1.

### Applications

<b>Tested applications:</b>	ELISA, WB, IP, IHC
<b>Cited applications:</b>	IHC, WB
<b>Species specificity:</b>	Human, Mouse, Rat; other species not tested.
<b>Cited species:</b>	Rat
<b>Calculated TPT1 MW:</b>	22 kDa
<b>Observed TPT1 MW:</b>	22-25 kDa
<b>Positive WB detected in</b>	Mouse placenta tissue, A431 cells, HepG2 cells, MCF7 cells, mouse testis tissue, PC-3 cells
<b>Positive IP detected in</b>	Human placenta tissue
<b>Positive IHC detected in</b>	Human colon cancer tissue
<b>Recommended dilution:</b>	WB: 1:200-1:2000 IP: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

<b>Immunogen:</b>	Ag1268
<b>GenBank accession number:</b>	BC003352
<b>Gene ID (NCBI):</b>	7178
<b>Full name:</b>	Tumor protein, translationally-controlled 1

### Product information

<b>Purification method:</b>	Antigen affinity purification
<b>Storage:</b>	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

(IP:10824-1-AP, 4ug;  
Detection:10824-1-AP 1:500)  
with human placenta tissue  
lysate 1520ug.