

TCTP Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50028**Specification**

TCTP Antibody - Product Information

Application	WB, IHC
Primary Accession	P13693
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20,16 KDa
Antigen Region	85-115

TCTP Antibody - Additional Information**Gene ID** 7178**Other Names**

Translationally-controlled tumor protein, TCTP, Fortilin, Histamine-releasing factor, HRF, p23, TPT1

Dilution

WB~~ 1:1000

IHC~~1:50-1:100

FormatRabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.**Storage Conditions**

-20°C

TCTP Antibody - Protein Information**Name** TPT1**Function**

Involved in calcium binding and microtubule stabilization (PubMed:12167714, PubMed:15162379, PubMed:15958728). Acts as a negative regulator of TSC22D1-mediated apoptosis, via interaction with and destabilization of TSC22D1 protein (PubMed:18325344).

Cellular Location

Cytoplasm.

Tissue Location

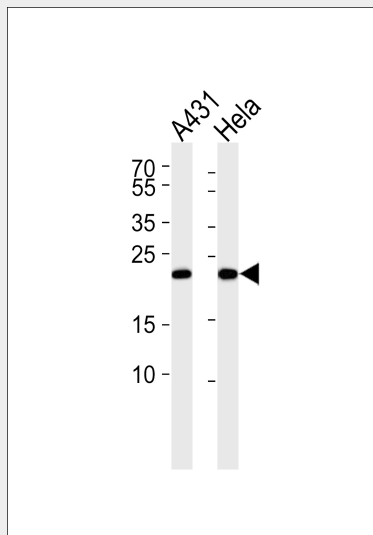
Found in several healthy and tumoral cells including erythrocytes, hepatocytes, macrophages, platelets, keratinocytes, erythroleukemia cells, gliomas, melanomas, hepatoblastomas, and lymphomas. It cannot be detected in kidney and renal cell carcinoma (RCC). Expressed in placenta and prostate

TCTP Antibody - Protocols

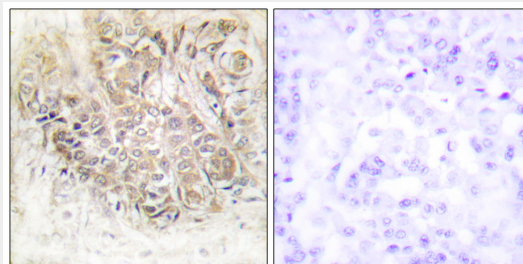
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TCTP Antibody - Images



Western blot analysis of lysates from A431, HeLa cell line (from left to right), using TCTP Antibody (C10362). C10362 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using TCTP antibody.

TCTP Antibody - Background

Involved in calcium binding and microtubule stabilization.

TCTP Antibody - References

Gross B.,et al.Nucleic Acids Res. 17:8367-8367(1989).
Thiele H.,et al.Thesis (2000), Humboldt-University Berlin, Germany.
Gnanasekar M.,et al.Submitted (JUL-2003) to the EMBL/GenBank/DDBJ databases.
Gao T.H.,et al.Submitted (JUN-2002) to the EMBL/GenBank/DDBJ databases.
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.