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TPT1 / TCTP Antibody (aa71-120)

Rabbit Polyclonal Antibody
Catalog # ALS15437

Specification

TPT1 / TCTP Antibody (aa71-120) - Product Information

Application	**WB**
Primary Accession	P13693
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**20kDa KDa**

TPT1 / TCTP Antibody (aa71-120) - Additional Information

Gene ID 7178

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

Target/Specificity
TCTP Antibody detects endogenous levels of total TCTP protein.

Reconstitution & Storage
Store at -20°C for up to one year.

Precautions
TPT1 / TCTP Antibody (aa71-120) is for research use only and not for use in diagnostic or therapeutic procedures.

TPT1 / TCTP Antibody (aa71-120) - 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

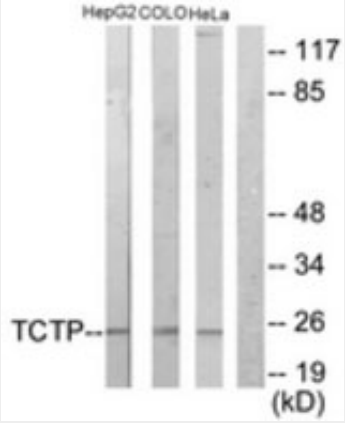
Volume
50 µl

TPT1 / TCTP Antibody (aa71-120) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TPT1 / TCTP Antibody (aa71-120) - Images



Western blot of extracts from HepG2/COLO205/HeLa cells, using TCTP Antibody.

TPT1 / TCTP Antibody (aa71-120) - Background

Involved in calcium binding and microtubule stabilization.

TPT1 / TCTP Antibody (aa71-120) - 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.
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