

**TPT1 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8505c****Specification**

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**TPT1 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P13693](#)**TPT1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 7178**Other Names**

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

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8505c](/products/AP8505c) was selected from the Center region of human TPT1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**TPT1 Antibody (Center) Blocking Peptide - Protein Information****Name** TPT1**Function**

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

### **TPT1 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **TPT1 Antibody (Center) Blocking Peptide - Images**

### **TPT1 Antibody (Center) Blocking Peptide - Background**

TPT1 is involved in calcium binding and microtubule stabilization.

### **TPT1 Antibody (Center) Blocking Peptide - References**

Choi,S., et.al., PLoS ONE 4 (6), E5732 (2009) Sanchez,J.C., et.al., Electrophoresis 18 (1), 150-155 (1997)