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TPT1 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP18116a

Specification

TPT1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P13693

TPT1 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 7178

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

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 (N-term) Blocking Peptide - 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

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TPT1 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

TPT1 Antibody (N-term) Blocking Peptide - Images

TPT1 Antibody (N-term) Blocking Peptide - Background

TPT1 is involved in calcium binding and microtubule stabilization.

TPT1 Antibody (N-term) Blocking Peptide - References

Davila, S., et al. Genes Immun. 11(3):232-238(2010)Rid, R., et al. J. Steroid Biochem. Mol. Biol. 118 (1-2), 29-40 (2010) :Ma, Q., et al. J. Proteome Res. 9(1):40-49(2010)Dong, X., et al. J. Biol. Chem. 284(35):23754-23764(2009)Wu, P.S., et al. J. Immunol. 183(4):2373-2381(2009)