

TPT1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5210

Specification

TPT1 Antibody (N-term) - Product Information

| | |
|-------------------|--|
| Application | WB,E |
| Primary Accession | P13693 |
| Other Accession | P61288 , NP_003286.1 |
| Reactivity | Human, Mouse, Rat |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | H=20,M=19,Rat=19 KDa |
| Isotype | Rabbit IgG |
| Antigen Source | HUMAN |

TPT1 Antibody (N-term) - Additional Information

Gene ID 7178

Antigen Region
1-30

Other Names
TPT1; Translationally-controlled tumor protein; Fortilin; Histamine-releasing factor; p23

Dilution
WB~~1:1000

Target/Specificity
This TPT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human TPT1.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
TPT1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TPT1 Antibody (N-term) - 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

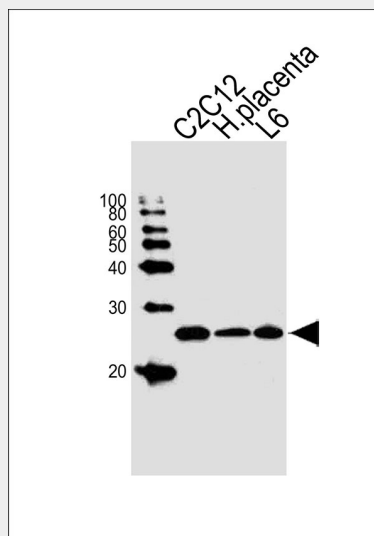
Found in several healthy and tumoral cells including erythrocytes, hepatocytes, macrophages, platelets, keratinocytes, erythroleukemia cells, gliomas, melanomas, hepatoblastomas, and lymphomas. It cannot be detected in kidney and renal cell carcinoma (RCC). Expressed in placenta and prostate

TPT1 Antibody (N-term) - 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](#)

TPT1 Antibody (N-term) - Images



Western blot analysis of lysates from mouse C2C12 cell line, human placenta tissue lysate, rat L6 cell line (from left to right), using TPT1 Antibody (N-term)(Cat. #AW5210). AW5210 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.

TPT1 Antibody (N-term) - Background

TPT1 is involved in calcium binding and microtubule stabilization.

TPT1 Antibody (N-term) - 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)