

Recombinant Anti-TCTP Rabbit mAb

Catalog # AP95075

Product Information

Application	WB, IHC, FC, IP, IF/IC
Primary Accession	P13693
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal
Calculated MW	19595

Additional Information

Gene ID	7178
Other Names	Translationally-controlled tumor protein; TCTP; Fortilin; Histamine-releasing factor; HRF; p23
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human TCTP protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~1:10~50 IP~~N/A IF/IC~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

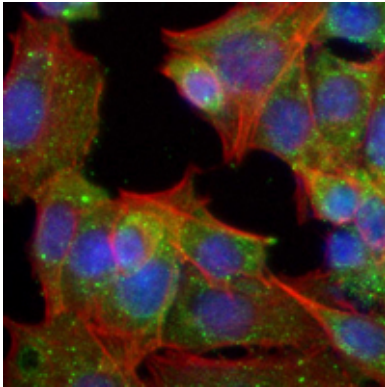
Protein Information

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

Images



Western blot analysis of TCTP expression in HeLa (A) whole cell lysates. (Predicted band size: 20 kD; Observed band size: 20 kD)



Immunofluorescent analysis of TCTP staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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