Rabbit TCTP Polyclonal Antibody | anti-TPT1 antibody

Anti-TCTP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104735	**Rabbit**	**Human, Bovine, Pig, Rabbit**	**Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

TCTP; Polyclonal Antibody; Anti-TCTP Antibody; Translationally-controlled tumor protein; Fortilin; Histamine-releasing factor; HRF; p23; anti-TPT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Bovine, Pig, Rabbit
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of TCTP protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	138
Applicable Applications for anti-TPT1 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TCTP. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent analysis of TCTP staining in CCRFCEM 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 a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

IHC (Immunohiostchemistry)
Immunohistochemical analysis of TCTP staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

WB (Western Blot)
Western blot analysis of TCTP expression in DU145 (A), CCRFCEM (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-TPT1 antibody	Rabbit polyclonal antibody to TCTP

NCBI AND UNIPROT INFORMATION

NCBI GI #	555943820
NCBI GeneID	7178
NCBI Accession #	NP_001273202.1
NCBI GenBank Nucleotide #	NM_001286273.1
UniProt Accession #	P13693; Q6YLS2; Q7Z4J4; Q8TBK7; Q96EE2; Q9UC70; B2R7E5
Molecular Weight	15,597 Da
NCBI Official Full Name	translationally-controlled tumor protein isoform 3
NCBI Official Synonym Full Names	tumor protein, translationally-controlled 1
NCBI Official Symbol	TPT1
NCBI Official Synonym Symbols	HRF; p02; p23; TCTP
NCBI Protein Information	translationally-controlled tumor protein; fortilin; histamine-releasing factor
UniProt Protein Name	Translationally-controlled tumor protein
UniProt Gene Name	**TPT1**
UniProt Synonym Gene Names	TCTP; HRF
UniProt Entry Name	TCTP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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