

Rabbit TCTP Polyclonal Antibody | anti-TCTP antibody

Phospho-TCTP (Ser46) Antibody

CATALOG # AAA321405	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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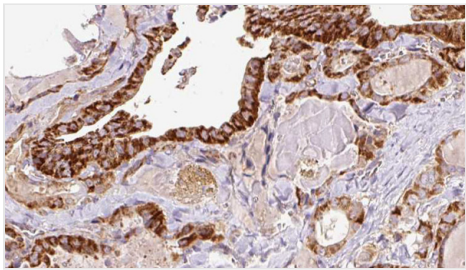
PRODUCT SYNONYMS

TCTP; Polyclonal Antibody; Phospho-TCTP (Ser46) Antibody; FLJ27337; Fortilin; Histamine releasing factor; Histamine-releasing factor; HRF; Immunoglobulin E-dependent; p02; p23; TCTP_HUMAN; tpt1; Translationally controlled tumor protein; Translationally-controlled tumor protein; Tumor protein translationally controlled 1; tumor protein; translationally-controlled 1; anti-TCTP antibody

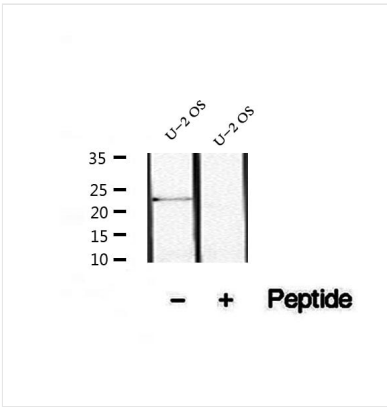
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-TCTP (Ser46) antibody detects endogenous levels of TCTP.
Purity/Purification	From purified rabbit serum by affinity purification via sequential chromatography on phospho-and non-phospho-peptide affinity columns.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	138
Applicable Applications for anti-TCTP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TCTP around the phosphorylation site of Ser46.
Subcellular Location	Cytoplasm.
Tissue Specificity	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.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (83%), Bovine (100%), Horse (100%), Rabbit (100%), Dog (100%), Chicken (92%), Xenopus (83%)
Conjugation	Unconjugated
Epitope	Phospho Ser46
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA321405 at 1/100 staining Human thyroid cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of U-2 OS cells, using Phospho-TCTP (Ser46) Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TCTP antibody	Function: Involved in calcium binding and microtubule stabilization. Subunit Structure: Interacts with STEAP3. Similarity: Belongs to the TCTP family.
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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	Observed: 23 kDa Predicted: 20 kDa
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
UniProt Protein Name	Translationally-controlled tumor protein
UniProt Gene Name	TPT1
UniProt Synonym Gene Names	TCTP; HRF

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.