

Rabbit anti-Human TCTP/TPT1 Polyclonal Antibody | anti-TPT1 antibody

Anti-TCTP/TPT1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255784	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

TCTP/TPT1; Polyclonal Antibody; Anti-TCTP/TPT1 Antibody; Rabbit Polyclonal; TCTP/TPT1 Antibody; Rabbit PAb; Antigen Affinity Purified; tumor protein; translationally-controlled 1; Anti-HRF Antibody; Anti-p02 Antibody; Anti-p23 Antibody; Anti-TCTP Antibody; anti-TPT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human TCTP/TPT1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-TPT1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Human TCTP/TPT1 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human TCTP/TPT1 (rh TCTP/TPT1). TCTP/TPT1 specific IgG was purified by Human TCTP/TPT1 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

TPT1 was immunoprecipitated using: Lane A: 0.5 mg Hela Whole Cell Lysate; Lane B: 0.5 mg MCF-7 Whole Cell Lysate; 2 uL anti-TPT1 rabbit polyclonal antibody and 15 uL of 50 % Protein G agarose. Primary antibody: Anti-TPT1 rabbit polyclonal antibody, at 1:200 dilution. Secondary antibody: DyLight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 23 kDa. Observed band size: 23 kDa.



WB (Western Blot)

Anti-TPT1 rabbit polyclonal antibody at 1:500 dilution. Lane A: HepG2 Whole Cell Lysate; Lane B: MCF7 Whole Cell Lysate; Lane C: Hela Whole Cell Lysate; Lane D: A431 Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG H&L (DyLight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 22 kDa. Observed band size: 22 kDa.

**IHC (Immunohistochemistry)**

Immunochemical staining of human TPT1 in human glioma with rabbit polyclonal antibody (1:10000, formalin-fixed paraffin embedded sections).

**IHC (Immunohistochemistry)**

Immunochemical staining of human TPT1 in human malignant melanoma with rabbit polyclonal antibody (1:10000, formalin-fixed paraffin embedded sections).

**IHC (Immunohistochemistry)**

Immunochemical staining of human TPT1 in human placenta with rabbit polyclonal antibody (1:10000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-TPT1 antibody	Tumor protein, also known as TPT1, is a highly conserved protein among many eukaryotic organisms. Tumor protein is involved in a variety of cellular activities, including microtubule stabilization, calcium-binding activities, and apoptosis. The Mammalian translationally controlled tumour protein (TPT1) (or P23) is a protein that has been found to be preferentially synthesised in cells during the early growth phase of some types of tumour, but which is also expressed in normal cells. It was first identified as a histamine-releasing factor, acting in IgE +-dependent allergic reactions. In addition, TPT1 has been shown to bind to tubulin in the cytoskeleton, has a high affinity for calcium, is the binding target for the antimalarial compound artemisinin, and is induced in vitamin D-dependent apoptosis. TPT1 production is thought to be controlled at the translational as well as the transcriptional level.
Product Categories/Family for anti-TPT1 antibody	Calcium-binding Proteins and Related Molecules
References	Thaw P. et al., 2001, Nat Struct Biol. 8 (8): 701-4. Thiele H. et al., 2000, Eur J Biochem. 267 (17): 5473-81. Chitpatima ST. et al., 1988, Nucleic Acids Res. 16 (5): 2350.

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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tctp-tpt1-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/255784>