Rabbit TPT1 Polyclonal Antibody | anti-TPT1 antibody

TPT1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40745	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

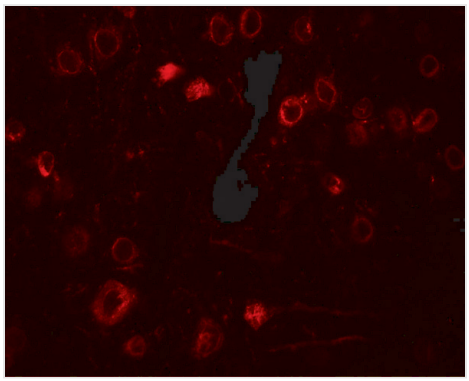
PRODUCT SYNONYMS

TPT1; Polyclonal Antibody; TPT1 Antibody; HRF; p02; p23; TCTP; Translationally-controlled tumor protein; Fortilin; tumor protein; translationally-controlled 1; anti-TPT1 antibody

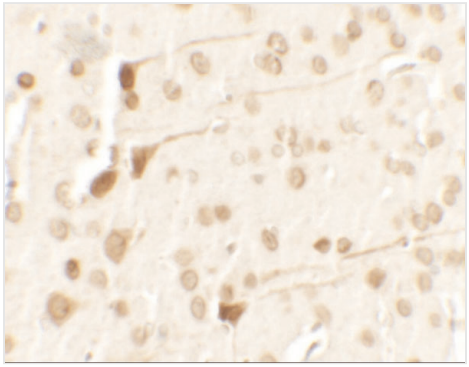
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	TPT1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	172
Applicable Applications for anti-TPT1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Rabbit polyclonal TPT1 antibody was raised against a 19 amino acid peptide near the center of human TPT1.
Buffer	TPT1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TPT1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

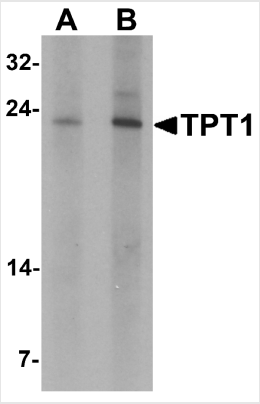
IMAGES



IF (Immunofluorescence)
Immunofluorescence of TPT1 in rat brain tissue with TPT1 antibody at 20 μg/ml.



IHC (Immunohiostchemistry)
Immunohistochemistry of TPT1 in rat brain tissue with TPT1 antibody at 2.5 μg/ml.



WB (Western Blot)
Western blot analysis of TPT1 in human brain tissue lysate with TPT1 antibody at (A) 0.5 and (B) 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TPT1 antibody	TPT1 Antibody: TPT1 (translationally controlled tumor protein 1) is a 23 kDa member of the TCTP family of calcium binding proteins. TPT1 is localized in the cytoplasm and widely expressed and serves as a transcriptional activator, calcium transporter, histamine inducer and antiapoptotic caspase 3 inhibitor. TPT1 is a cytokine-like molecule that causes the release of histamine, IL-4 and IL-13 from basophils as well as the secretion of IL-8 and a calcium response in eosinophils. TPT1 plays a pivotal role in allergic diseases and due to its wide distribution in brain, is thought to be involved in neurodegenerative disorders, such as Alzheimer's disease and Down syndrome.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507669
NCBI GeneID	7178
NCBI Accession #	NP_003286
NCBI GenBank Nucleotide #	NM_003295.3
UniProt Accession #	P13693; Q6YLS2; Q7Z4J4; Q8TBK7; Q96EE2; Q9UC70; B2R7E5
Molecular Weight	Predicted: 19 kDa
NCBI Official Full Name	translationally-controlled tumor protein isoform 2
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/polyclonal/tpt1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40745