

Rabbit TP1 Polyclonal Antibody | anti-TEP1 antibody

TP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39943	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

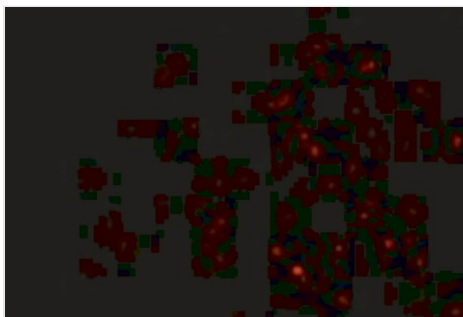
PRODUCT SYNONYMS

TP1; Polyclonal Antibody; TP1 Antibody; TLP1; p240; TROVE1; VAULT2; Telomerase protein component 1; Telomerase-associated protein 1; Telomerase protein 1; telomerase-associated protein 1; anti-TEP1 antibody

PRODUCT SPECIFICATIONS

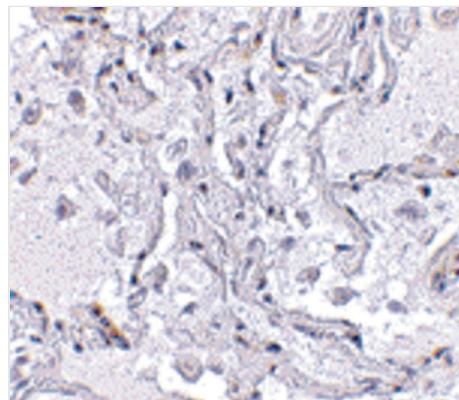
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	TP1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Sequence Length	2627
Applicable Applications for anti-TEP1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TP1 antibody was raised against a 20 amino acid synthetic peptide from near the amino terminus of human TP1.
Buffer	TP1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TP1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



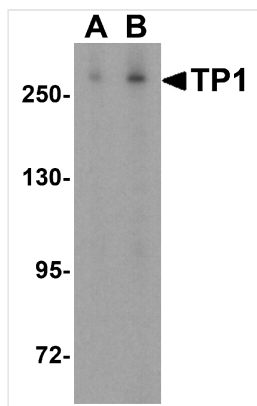
IF (Immunofluorescence)

Immunofluorescence of TP-1 in Human Lung cells with TP-1 antibody at 20 µg/mL.



IHC (Immunohistochemistry)

Immunohistochemical staining of human lung tissue using TP1 antibody at 2.5 µg/mL.



WB (Western Blot)

Western blot analysis of TP1 in human kidney tissue lysate with TP1 antibody at (A) 0.5 and (B) 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TEP1 antibody

TP1 Antibody: Telomerase is an RNA-dependent DNA polymerase that uses an RNA component to add telomeric repeat sequences at the ends of chromosomes. Besides the RNA component which serves as the template that specifies the telomeric repeat, the telomerase complex contains a reverse transcriptase protein (TRT) and various accessory proteins including the telomerase-associated protein 1 (TP1). Telomerase activity is low in most somatic cells, causing the gradual shortening of telomeres which can ultimately lead to telomere fusion and cell death. High levels of telomerase activity are widely seen in cancerous cells and while recent experiments have suggested that telomerase may be a viable target in cancer therapy, expression levels of TP1 do not correlate with malignancy. At least two isoforms of TP1 are known to exist.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1848277
NCBI GeneID	7011
UniProt Accession #	Q99973; A0AUV9
Molecular Weight	289,578 Da
NCBI Official Full Name	telomerase-associated protein TP-1
NCBI Official Synonym Full Names	telomerase-associated protein 1
NCBI Official Symbol	TEP1
NCBI Official Synonym Symbols	TP1; TLP1; p240; TROVE1; VAULT2
NCBI Protein Information	telomerase protein component 1; telomerase protein 1; p80 telomerase homolog; TROVE domain family, member 1
UniProt Protein Name	Telomerase protein component 1
UniProt Gene Name	TEP1
UniProt Synonym Gene Names	TLP1; TP1; Telomerase protein 1
UniProt Entry Name	TEP1_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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tp1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39943>