

## TP2 Polyclonal Antibody

<b>CATALOG NO:</b>	3941-30T	30 µg (Trial size)
	3941-100	100 µg
<b>IMMUNOGEN:</b>	Synthetic peptide surrounding amino acid 572 of human TP2	
<b>INTERNAL ID#:</b>	BV-H24A	
<b>HOST:</b>	Rabbit	
<b>SPECIES REACTIVITY:</b>	Human, Mouse, Rat	

### FORMULATION:

0.5 mg/ml affinity purified rabbit anti-TP2 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

### STORAGE CONDITIONS:

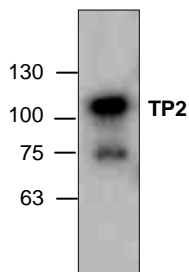
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

### DESCRIPTION:

Telomerase is an RNA-dependant DNA polymerase that catalyzes the addition of telomeric repeat, TTAGGG to chromosome ends. Telomerase is composed of an internal telomerase RNA template (TERC) and the enzyme, telomerase reverse transcriptase (TERT or TP2). Telomerase expression is usually repressed in postnatal somatic cells resulting in shortening of telomeres. Overexpression of telomerase may be implicated with oncogenesis.

### APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 3941BP-50) is available separately.



**Cat. #: 3941-100 TP 2 Antibody.**  
Western blot analysis of TP2 with rat kidney tissue lysate.

**FOR RESEARCH USE ONLY! Not to be used on humans.**

### RELATED PRODUCTS:

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- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
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- HAT Colorimetric Assay Kit & Reagents
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- Cloning Insert Quick Screening Kit
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- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
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#### Monoclonal and Polyclonal Antibodies