

## **Product datasheet for TA357789**

#### OriGene Technologies, Inc.

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### Topoisomerase I (TOP1) Rabbit Polyclonal Antibody

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

**Clonality:** Polyclonal

**Specificity: Expected reactivity**: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat

**Homology**: Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse:

100%; Rabbit: 100%; Rat: 100%

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

Purification: Affinity Purified
Conjugation: Unconjugated

**Storage:** For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

**Stability:** Shelf life: one year from despatch.

**Predicted Protein Size:** 91kDa

Gene Name: topoisomerase (DNA) I

Database Link: NP 003277

Entrez Gene 7150 Human

P11387

**Background:** This gene encodes a DNA topoisomerase, an enzyme that controls and alters the topologic

states of DNA during transcription. This enzyme catalyzes the transient breaking and rejoining of a single strand of DNA which allows the strands to pass through one another, thus altering the topology of DNA. This gene is localized to chromosome 20 and has

pseudogenes which reside on chromosomes 1 and 22.

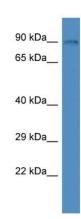
Synonyms: TOPI





**Protein Families:** Druggable Genome

# **Product images:**



WB Suggested Anti-TOP1 Antibody Titration: 1.0 ug/ml Positive Control: Placenta