

Product datasheet for TA338968

PRIM1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-PRIM1 antibody: synthetic peptide directed towards the N terminal

of human PRIM1. Synthetic peptide located within the following region: SQYYRWLNYGGVIKNYFQHREFSFTLKDDIYIRYQSFNNQSDLEKEMQKM

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: Protein A purified

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 50 kDa

Gene Name: primase (DNA) subunit 1

Database Link: NP 000937

Entrez Gene 5557 Human

P49642



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PRIM1 Rabbit Polyclonal Antibody - TA338968

Background: The replication of DNA in eukaryotic cells is carried out by a complex chromosomal

replication apparatus, in which DNA polymerase alpha and primase are two key enzymatic components. Primase, which is a heterodimer of a small subunit and a large subunit, synthesizes small RNA primers for the Okazaki fragments made during discontinuous DNA replication. The protein encoded by this gene is the small, 49 kDa primase subunit. [provided

by RefSeq, Jul 2008]

Synonyms: p49

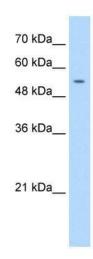
Note: Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse:

100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Dog: 93%; Yeast: 80%; Zebrafish: 79%

Protein Families: Druggable Genome

Protein Pathways: DNA replication, Metabolic pathways, Purine metabolism, Pyrimidine metabolism

Product images:



WB Suggested Anti-PRIM1 Antibody Titration: 1.25 ug/ml; Positive Control: K562 cell lysate