

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: SQYYRWLNYYGGVIKNYFQHREFSFTLKDDIYIRYQSFNNQSDLEKEMQKM
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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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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