

Polyclonal Antibody to DNA Primase (p49)

Catalog No.:	DP3047
Quantity:	0.5 mg
Concentration:	1 mg/ml
Host:	Rabbit
Immunogen:	Purified MOUSE recombinant p49 subunit of DNA primase.
Applications:	Western Blot. Recommended positive control: HeLa Cells. Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	In the eukaryotic cell, DNA primase initiates DNA replication by the synthesis of small ribonucleotides called primers. The eukaryotic primase is composed of two subunits, p49 and p58, which purify as a complex tightly bound to DNA polymerase α . Reacts with Human and Mouse. Others not tested. Cellular Localization: nuclear. Notes: This antibody is raised against the p49 subunit of DNA primase and it shows no cross reaction either with the p58 subunit of DNA primase or the DNA polymerase γ . The human primase subunits are 90% identical in amino acid sequence to the mouse homologs. Mol. Wt. of Antigen: 49kD
Storage:	Store the antibody at 4°C. Do not freeze! Shelf life: one year from despatch.
General Readings:	1. Copeland WC. Protein Expression and Purification, 1997; 9:1-9. 2. Ropp PA et. al., Gen