

Polyclonal Antibody to DNA Polymerase, gamma (C-Terminal)

Catalog No.:	DP3046
Quantity:	0.5 mg
Concentration:	1 mg/ml
Host:	Rabbit
Immunogen:	Purified native human recombinant (aa 714-1061) DNA polymerase Mol. Wt. of Antigen: 140 kD
Applications:	Affinity Purification (For conjugation, order Ab without BSA. Confocal Microscopy(2). Immunoprecipitation (1): native verified, use Protein A; Ab at 10µg/mg protein lysate. Supports DNA Polymerase gamma Activity(1). Western Blotting(1). 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:	As the only DNA polymerase (pol) present in mitochondria, DNA polymerase gamma (POLG) is necessarily implicated in base excision repair processes to correct oxidative damage to the mitochondrial genome. Reacts with Human and Mouse. Others not tested. Cellular Localization: Mitochondrial.
Storage:	Store the antibody at 4°C. Do not freeze! Shelf life: one year from despatch.
General Readings:	1. Ropp PA et. al., Gen

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com