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anti-RPA3 antibody (AA 1-119)





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Overview

Quantity:	100 μg
Target:	RPA3
Binding Specificity:	AA 1-119
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPA3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Recombinant Human Replication protein A 14 kDa subunit protein (1-119AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	RPA3
Alternative Name:	RPA3 (RPA3 Products)
Background:	Background: Required for DNA recombination, repair and replication. The activity of RP-A is
	mediated by single-stranded DNA binding and protein interactions. Ref.7 Ref.9 Functions as

component of the alternative replication protein A complex (aRPA). aRPA binds single-stranded DNA and probably plays a role in DNA repair, it does not support chromosomal DNA replication and cell cycle progression through S-phase. In vitro, aRPA cannot promote efficient priming by DNA polymerase alpha but supports DNA polymerase delta synthesis in the presence of PCNA and replication factor C (RFC), the dual incision/excision reaction of nucleotide excision repair and RAD51-dependent strand exchange.

Aliases: p14 antibody, REPA 3 antibody, REPA3 antibody, Replication factor A protein 3 antibody, Replication protein A 14 kDa subunit antibody, Replication protein A3 14kD antibody, Replication protein A3 14kD antibody, Replication protein A3 antibody, RF A antibody, RF A protein 3 antibody, RF-A protein 3 antibody, RFA3_HUMAN antibody, RP A antibody, RP A p14 antibody, RP-A p14 antibody, RPA 14 antibody, RPA 3 antibody, RPA p14 antibody, rpa3 antibody

UniProt:

P35244

Pathways:

Telomere Maintenance, DNA Damage Repair, Mitotic G1-G1/S Phases, DNA Replication, Synthesis of DNA

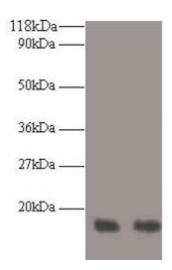
Application Details

Application Notes:	Recommended dilution: WR:1:1000-1:5000

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot All lanes: RPA3 antibody at $2 \mu g/mL$ Lane 1: LO2 whole cell lysate Lane 2: HepG2 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 14 kDa Observed band size: 14 kDa