



# WRN (phospho Ser1141) Polyclonal Antibody

Cat No: HR1AP8629

For research use only

## Overview

Product Name	WRN (phospho Ser1141) Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	162kDa
GenelD?Human?	WRN
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	WRN; RECQL3; RECQL2; Werner syndrome ATP-dependent helicase; DNA helicase; RecQ-like type 3; RecQ3; Exonuclease WRN; RecQ protein-like 2
Background	Werner syndrome RecQ like helicase(WRN) Homo sapiens This gene encodes a member of the RecQ subfamily and the DEAH (Asp-Glu-Ala-His) subfamily of DNA and RNA helicases. DNA helicases are involved in many aspects of DNA metabolism, including transcription, replication, recombination, and repair. This protein contains a nuclear localization signal in the C-terminus and shows a predominant nucleolar localization. It possesses an intrinsic 3' to 5' DNA helicase activity, and is also a 3' to 5' exonuclease. Based on interactions between this protein and Ku70/80 heterodimer in DNA end processing, this protein may be involved in the repair of double strand DNA breaks. Defects in this gene are the cause of Werner syndrome, an autosomal recessive disorder characterized by premature aging. [provided by RefSeq, Jul 2008],