

Rabbit anti-Human WRN Polyclonal Antibody | anti-WRN antibody

Rabbit anti-WRN Antibody, Affinity Purified

CATALOG # AAA210835	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

WRN; Polyclonal Antibody; Rabbit anti-WRN Antibody; Affinity Purified; exonuclease WRN; RECQL3; Werner syndrome; RecQ helicase-like; Werner syndrome ATP-dependent helicase; DNA helicase; RecQ-like type 3; recQ protein-like 2; RECQ3; RECQL2; Werner syndrome RecQ like helicase; anti-WRN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-WRN antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1382 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human WRN by western blot. Samples: Whole cell lysate (10 ug) from K-562, RKO, LNCaP, Jurkat, and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-WRN antibody (AAA210835 lot 3) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human WRN by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from K-562 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-WRN antibody AAA210835 (lot AAA210835-3) used for IP at 6 ug per reaction. WRN was also immunoprecipitated by a previous lot of this antibody (lot AAA210835) and rabbit anti-WRN antibody Brother. For blotting immunoprecipitated WRN, AAA210835 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-WRN antibody	The protein product of the Werner's syndrome (WRN) gene is the Werner syndrome ATP-dependent helicase. WRN is part of the RecQ family of helicases that unwind DNA in preparation for replication, transcription, and repair. WRN appears to play a versatile role in cellular processes including DNA replication, transcription and the maintenance of genomic integrity.
Product Categories/Family for anti-WRN antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	110735439
NCBI GeneID	7486
NCBI Accession #	NP_000544.2
NCBI GenBank Nucleotide #	NM_000553.4
UniProt Accession #	Q14191; A1KYY9
Molecular Weight	162,461 Da
NCBI Official Full Name	Werner syndrome ATP-dependent helicase
NCBI Official Synonym Full Names	Werner syndrome, RecQ helicase-like
NCBI Official Symbol	WRN
NCBI Official Synonym Symbols	RECQ3; RECQL2; RECQL3
NCBI Protein Information	Werner syndrome ATP-dependent helicase; exonuclease WRN; recQ protein-like 2; DNA helicase, RecQ-like type 3
UniProt Protein Name	Werner syndrome ATP-dependent helicase
UniProt Gene Name	WRN
UniProt Synonym Gene Names	RECQ3; RECQL2; RecQ3
UniProt Entry Name	WRN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/wrn-antibody-immunoprecipitation-western-blot-elisa/210835>