

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

WRN Antibody

CATALOG # AAA309323	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

WRN; Polyclonal Antibody; WRN Antibody; RECQ3; RECQL2; RECQL3; anti-WRN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total WRN protein.
Purity/Purification	Antigen affinity purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.3mg/ml (varies by lot)
Sequence Length	1432
Applicable Applications for anti-WRN antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human WRN
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C

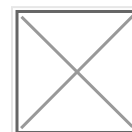
IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using WRN Antibody at dilution 1/55, on the right is treated with synthetic peptide.

(Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using WRN Antibody at dilution 1/55, on the right is treated with synthetic peptide.

(Original magnification: x200)

ADDITIONAL INFORMATION

Related Product Information for anti-WRN antibody

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.

Product Categories/Family for anti-WRN antibody	Total protein Ab
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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 like helicase
NCBI Official Symbol	WRN
NCBI Official Synonym Symbols	RECQ3; RECQL2; RECQL3
NCBI Protein Information	Werner syndrome ATP-dependent helicase
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.