
Product Name: WRN Rabbit Monoclonal Antibody**Catalog #: AMRe86692**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000
Molecular Weight	Calculated MW:163 kDa; Observed MW:200 kDa

Antigen Information

Gene Name	WRN
Alternative Names	RECQ3; RECQL2; RECQL3; Werner's syndrome helicase WRN; DNA helicase, RecQ-like type 3; RecQ protein-like 2; Werner syndrome protein
Gene ID	7486
SwissProt ID	Q14191
Immunogen	A synthetic peptide of human WRN

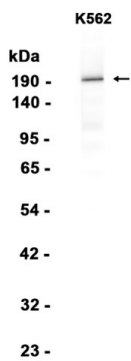
Background

This gene encodes a member of the RecQ subfamily of DNA helicase proteins. The encoded nuclear protein is important in the

maintenance of genome stability and plays a role in DNA repair, replication, transcription and telomere maintenance. This protein contains a N-terminal 3' to 5' exonuclease domain, an ATP-dependent helicase domain and RQC (RecQ helicase conserved region) domain in its central region, and a C-terminal HRDC (helicase RNase D C-terminal) domain and nuclear localization signal. Defects in this gene are the cause of Werner syndrome, an autosomal recessive disorder characterized by accelerated aging and an elevated risk for certain cancers. [provided by RefSeq, Aug 2017]

Research Area

Image Data



Western blot analysis of extracts from K562 cells using WRN Rabbit Monoclonal Antibody at 1:1000.