

For Research Use Only

WRN Polyclonal antibody

Catalog Number: 25269-1-AP



Basic Information

Catalog Number:

25269-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000553

GeneID (NCBI):

7486

UNIPROT ID:

Q14191

Full Name:

Werner syndrome, RecQ helicase-like

Calculated MW:

162 kDa

Observed MW:

162 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : MCF-7 cells, HEK-293 cells

Background Information

Werner syndrome ATP dependent helicase (WRN), also named as RECQ3 or RecQ protein like 2, is a 1432 amino acid protein, which contains one HRDC domain, one helicase C-terminal domain, one helicase ATP-binding domain and 3'-5' exonuclease domain. WRN localizes in the nucleoplasm and belongs to the helicase family. WRN plays a central role in the repair of methylation-induced DNA damage and has an helicase activity necessary to prevent dramatic telomere loss during DNA replication. WRN gene mutation has an association with Werner syndrome and colorectal cancer.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

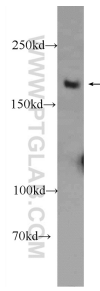
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Selected Validation Data



MCF-7 cells were subjected to SDS PAGE followed by western blot with 25269-1-AP (WRN Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.