

For Research Use Only

WRN Polyclonal antibody

Catalog Number: 25269-1-AP



Basic Information

Catalog Number: 25269-1-AP	GenBank Accession Number: NM_000553	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 560 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7486	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	Full Name: Werner syndrome, RecQ helicase-like	
Isotype: IgG	Calculated MW: 162 kDa	
	Observed MW: 162 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MCF-7 cells, HEK-293 cells
Species Specificity: human	

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

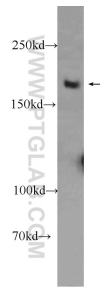
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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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.