

bsm-54700R**[Primary Antibody]**

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WRN Recombinant Rabbit mAb**— DATASHEET —**

| | | |
|---|----------------------|--|
| Host: Rabbit | Isotype: IgG | Applications: WB (1:500-2000) Reactivity: (predicted: Human) Predicted MW.: 162 kDa Subcellular Location: Nucleus |
| Clonality: Recombinant | CloneNo.: 7H2 | |
| GeneID: 7486 | | |
| Target: WRN | | |
| Purification: affinity purified by Protein A | | |
| Concentration: 1mg/ml | | |
| Storage: 1*TBS (pH7.4), 0.05% BSA, 40% Glycerol. Preservative: 0.02% Proclin300. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. | | |
| 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] | | |