WRN RABBIT PAB

Cat.#: S221547

Product Name: Anti-WRN Rabbit Polyclonal Antibody

Synonyms: RECQ3; RECQL2; RECQL3

UNIPROT ID: Q14191 (Gene Accession - NP_000544)

Background: 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.

Immunogen: Synthetic peptide of human WRN

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

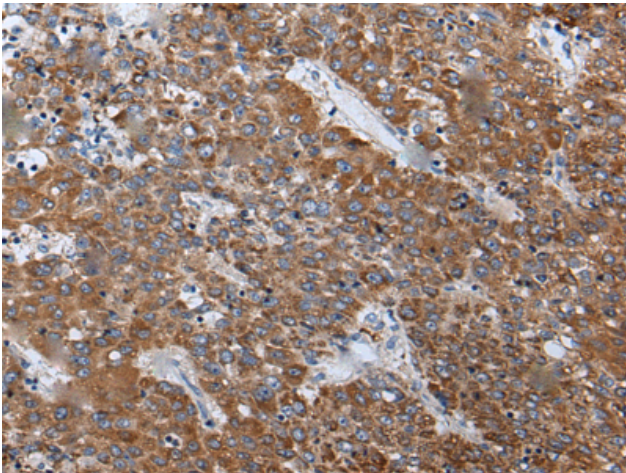**Isotype:** Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

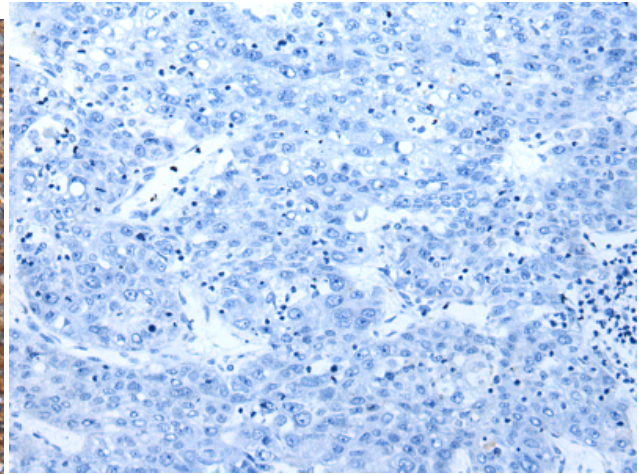**Species Reactivity:** Human

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

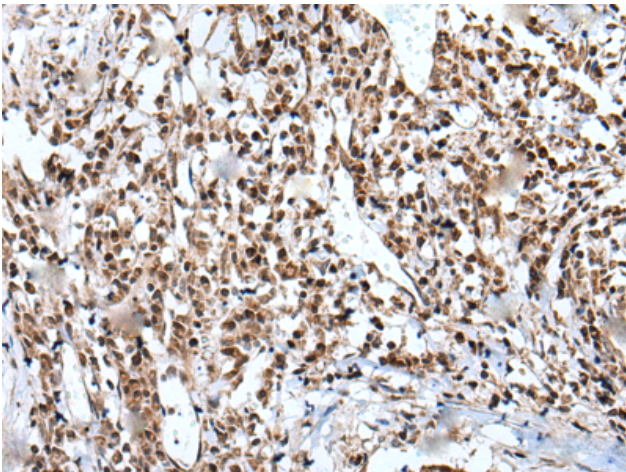**Research Areas:** Epigenetics and Nuclear Signaling

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

Product Description

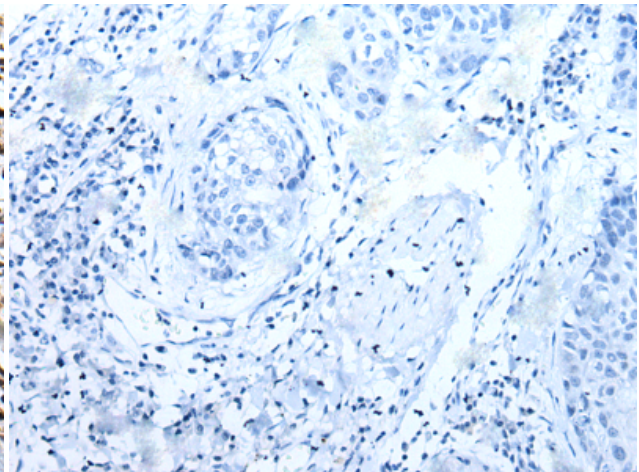Pioneering GTPase and Oncogene Product Development since 2010

Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 221547(WRN Antibody) at a dilution of 1/30(Cytoplasm or Nucleus).

In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 221547(Anti-WRN Antibody) at dilution 1/30.

The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 221547(Anti-WRN Antibody) at a dilution of 1/30.

In comparision with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with synthetic peptide and then with D263188(Anti-WRN Antibody) at dilution 1/30.