

WRN Rabbit Polyclonal Antibody



CAB6855

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

200kDa

Calculated MW:

162kDa

Applications:

WB

Reactivity:

Human

Antibody Information

Recommended dilutions:

WB 1:200 - 1:1000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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 information

Gene ID:

7486

Uniprot

Q14191

Synonyms:

WRN; RECQ3; RECQL2; RECQL3

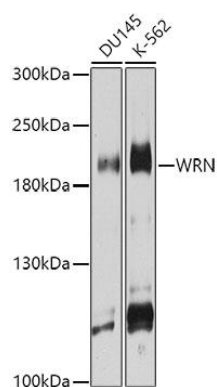
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1223-1432 of human WRN (NP_000544.2).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using WRN antibody (CAB6855) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 15s.