

anti- WRN antibody

Product Information

Catalog No.:	FNab09524
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Multifunctional enzyme that has both magnesium and ATP-dependent DNA-helicase activity and 3'→5' exonuclease activity towards double-stranded DNA with a 5'-overhang. Has no nuclease activity towards single-stranded DNA or blunt-ended double-stranded DNA. Binds preferentially to DNA substrates containing alternate secondary structures, such as replication forks and Holliday junctions. May play an important role in the dissociation of joint DNA molecules that can arise as products of homologous recombination, at stalled replication forks or during DNA repair. Alleviates stalling of DNA polymerases at the site of DNA lesions. Important for genomic integrity. Plays a role in the formation of DNA replication focal centers; stably associates with foci elements generating binding sites for RP-A(By similarity). Plays a role in double-strand break repair after gamma-irradiation.

Immunogen information

Immunogen:	Werner syndrome, RecQ helicase-like
Synonyms:	DKFZp686C2056, DNA helicase, RecQ like type 3, Exonuclease WRN, RecQ protein like 2, RECQ3, RECQL2, RECQL3, WRN
Observed MW:	162-200 kDa
Uniprot ID :	Q14191

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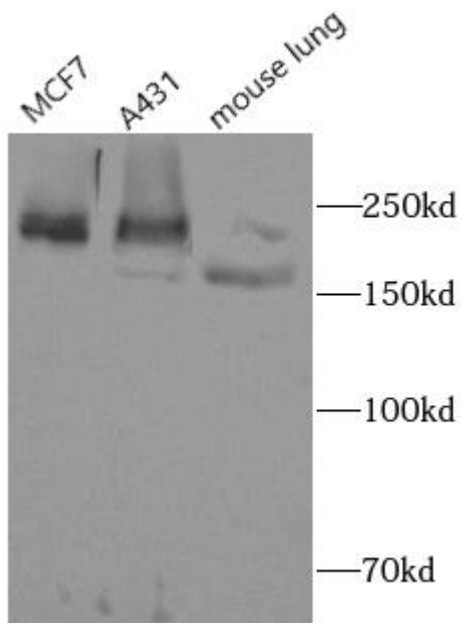
Application

Reactivity: Human, Mouse

Tested Application: ELISA, WB

Recommended dilution: WB: 1:200-1:1000

Image:



Various lysates were subjected to SDS PAGE followed by western blot with FNab09524(WRN Antibody) at dilution of 1:500

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