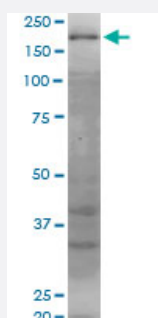


WRN monoclonal antibody (M06), clone 2F7

Catalog # H00007486-M06

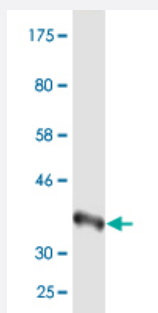
Size 100 ug

Applications



Western Blot (Cell lysate)

WRN monoclonal antibody (M06), clone 2F7. Western Blot analysis of WRN expression in Jurkat(Cat # L017V1).



Western Blot detection against Immunogen (37.95 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant WRN.
Immunogen	WRN (NP_000544, 1322 a.a. ~ 1432 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NPPVNSDMSKISLIRMLAPENIDTYLIHMAIELKHGPD SGLQPSCDVNKRRCFPGSEEICSSSKRS KEEVGIN TETSSAERKRRLPVWFAKGSDTSKKLMDKTKRGGLFS
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (61)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.95 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

WRN monoclonal antibody (M06), clone 2F7. Western Blot analysis of WRN expression in Jurkat(Cat # L017V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — WRN

Entrez GeneID	7486
GeneBank Accession#	NM_000553
Protein Accession#	NP_000544
Gene Name	WRN
Gene Alias	DKFZp686C2056, RECQ3, RECQL2, RECQL3
Gene Description	Werner syndrome
Omim ID	277700 604611
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

Werner Syndrome helicase|Werner syndrome protein

Disease

- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Bone Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cataract](#)
- [Chronic Disease](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Hypertension](#)
- [Intelligence Tests](#)
- [Intermittent Claudication](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Metabolic Syndrome X](#)
- [Multiple Sclerosis](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Osteoporosis](#)
- [Pulmonary Disease](#)
- [Renal Insufficiency](#)
- [Sarcoma](#)

- [Spinal Osteophytosis](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)