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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FEN1 polyclonal antibody (A01)

Catalog # : H00002237-A01

規格 : [50 uL]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a partial recombinant FEN1.

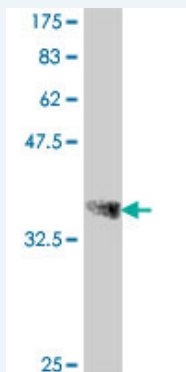
Immunogen: FEN1 (NP_004102, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag.

Sequence: MGIQGLAKLIADVAPSAIRENDIKSYFGRKVAIDASMSIQFLIAVRQGGDV
LQNEEGETTSHLMGMFYRTIRMMENGIKPVYVFDGKPPQLKSGELAKRS
ERRAEAEKQ

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (38.21 kDa) .

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

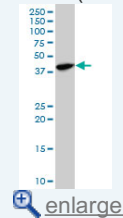
Datasheet: [Download](#)

Applications

Western Blot (Cell lysate)

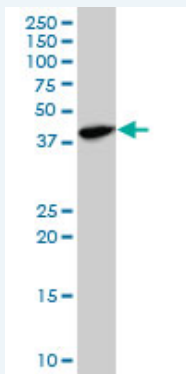
Application Image

Western Blot (Cell lysate)



Western Blot (Recombinant protein)

ELISA



FEN1 polyclonal antibody (A01), Lot # 051011JC01 Western Blot analysis of FEN1 expression in HeLa S3 NE (Cat # L013V3).

 [Protocol Download](#)

Western Blot (Recombinant protein)

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [2237](#)

GeneBank Accession#: [NM_004111](#)

Protein Accession#: [NP_004102](#)

Gene Name: FEN1

Gene Alias: FEN-1,MF1,RAD2

Gene Description: flap structure-specific endonuclease 1

Omim ID: [600393](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene removes 5' overhanging flaps in DNA repair and processes the 5' ends of Okazaki fragments in lagging strand DNA synthesis. Direct physical interaction between this protein and AP endonuclease 1 during long-patch base excision repair provides coordinated loading of the proteins onto the substrate, thus passing the substrate from one enzyme to another. The protein is a member of the XPG/RAD2 endonuclease family and is one of ten proteins essential for cell-free DNA replication. DNA secondary structure can inhibit flap processing at certain trinucleotide repeats in a length-dependent manner by concealing the 5' end of the flap that is necessary for both binding and cleavage by the protein encoded by this gene. Therefore, secondary structure can deter the protective function of this protein, leading to site-specific trinucleotide expansions. [provided by RefSeq]

Other Designations: DNase IV,maturation factor-1

Gene Pathway

[Base excision repair](#) [DNA replication](#) [Non-homologous end-joining](#)

Related Disease

[Breast cancer](#) [Breast Neoplasms](#) [Coronary Artery Disease](#) [DNA Damage](#)

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[Multiple Sclerosis](#) [Neoplasm Recurrence, Local](#) [Neoplasms, Second Primary](#)

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