

**Anti-FEN1 Antibody (C-Terminus)**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS18459**

**Specification**

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**Anti-FEN1 Antibody (C-Terminus) - Product Information**

Application	<b>WB, IHC-P</b>
Primary Accession	<a href="#">P39748</a>
Predicted	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>42593</b>

**Anti-FEN1 Antibody (C-Terminus) - Additional Information**

**Gene ID** 2237

**Alias Symbol** **FEN1**

**Other Names**

FEN1, DNase IV, FEN-1, HFEN-1, Flap endonuclease 1, MF1, RAD2, Maturation factor 1, Maturation factor-1

**Target/Specificity**

Endogenous levels of human FEN-1 protein. Positive Control: HeLa, HepG2 and HEK293.

**Reconstitution & Storage**

Immunoaffinity purified

**Precautions**

Anti-FEN1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-FEN1 Antibody (C-Terminus) - Protein Information**

**Name** FEN1 {ECO:0000255|HAMAP-Rule:MF\_03140}

**Synonyms** RAD2

**Function**

Structure-specific nuclease with 5'-flap endonuclease and 5'- 3' exonuclease activities involved in DNA replication and repair. During DNA replication, cleaves the 5'-overhanging flap structure that is generated by displacement synthesis when DNA polymerase encounters the 5'-end of a downstream Okazaki fragment. It enters the flap from the 5'-end and then tracks to cleave the flap base, leaving a nick for ligation. Also involved in the long patch base excision repair (LP-BER) pathway, by cleaving within the apurinic/aprimidinic (AP) site- terminated flap. Acts as a genome stabilization factor that prevents flaps from equilibrating into structures that lead to duplications and deletions. Also possesses 5'-3' exonuclease activity on nicked or gapped double-stranded DNA, and exhibits RNase H activity. Also involved in replication and repair of rDNA and in repairing

mitochondrial DNA.

**Cellular Location**

[Isoform 1]: Nucleus, nucleolus. Nucleus, nucleoplasm. Note=Resides mostly in the nucleoli and relocalizes to the nucleoplasm upon DNA damage

**Anti-FEN1 Antibody (C-Terminus) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-FEN1 Antibody (C-Terminus) - Images**