

## Rabbit FEN1 Polyclonal Antibody | anti-FEN1 antibody

Anti-FEN1 Antibody

| CATALOG # | HOST   | REACTIVITY                | APPLICATIONS                                                                |
|-----------|--------|---------------------------|-----------------------------------------------------------------------------|
| AAA292279 | Rabbit | Human, Mouse, Rat, Monkey | Immunohistochemistry, Immunofluorescence, Immunoprecipitation, Western Blot |

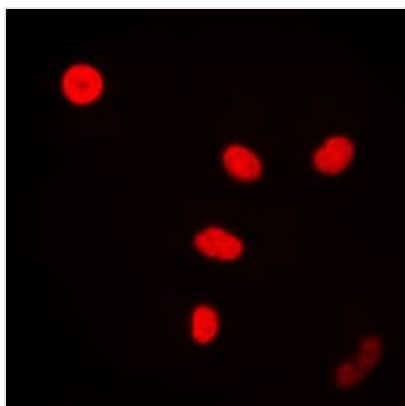
### PRODUCT SYNONYMS

FEN1; Polyclonal Antibody; Anti-FEN1 Antibody; RAD2; Flap endonuclease 1; FEN-1; DNase IV; Flap structure-specific endonuclease 1; Maturation factor 1; MF1; hFEN-1; anti-FEN1 antibody

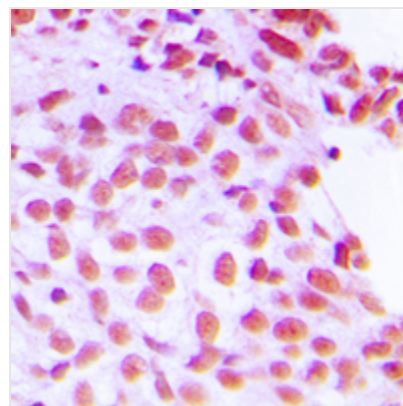
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Human, Mouse, Rat, Monkey                                                                                                                             |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-FEN1 antibody | IHC (Immunohistochemistry), IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)                                                      |
| Notes                                          | ECO:0000255 HAMAP-Rule: MF_03140                                                                                                                      |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

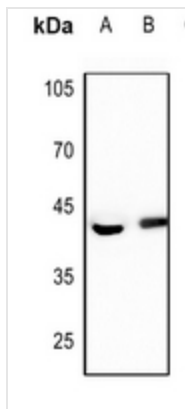
### IMAGES


**IF (Immunofluorescence)**

Dilution: WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500), IP (1/10 - 1/100)


**IHC (Immunohistochemistry)**

Dilution: WB: (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500), IP (1/10 - 1/100) Immunohistochemical analysis of FEN1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Dilution: WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500), IP (1/10 - 1/100) Western blot analysis of FEN1 expression in HeLa (A), A375 (B) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                           |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-FEN1 antibody | Rabbit polyclonal antibody to FEN1<br>KLH-conjugated synthetic peptide encompassing a sequence within the center region of human FEN1. The exact sequence is proprietary. |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                         |
|----------------------------------|-------------------------------------------------------------------------|
| NCBI GI #                        | 4758356                                                                 |
| NCBI GeneID                      | 2237                                                                    |
| NCBI Accession #                 | NP_004102.1                                                             |
| NCBI GenBank Nucleotide #        | NM_004111.5                                                             |
| UniProt Accession #              | P39748; AAB32522                                                        |
| Molecular Weight                 | 42,593 Da                                                               |
| NCBI Official Full Name          | flap endonuclease 1                                                     |
| NCBI Official Synonym Full Names | flap structure-specific endonuclease 1                                  |
| NCBI Official Symbol             | FEN1                                                                    |
| NCBI Official Synonym Symbols    | MF1; RAD2; FEN-1                                                        |
| NCBI Protein Information         | flap endonuclease 1; DNase IV; maturation factor 1; maturation factor-1 |
| UniProt Protein Name             | Flap endonuclease 1                                                     |
| UniProt Gene Name                | <b>FEN1</b>                                                             |
| UniProt Synonym Gene Names       | RAD2; FEN-1; MF1; hFEN-1                                                |
| UniProt Entry Name               | FEN1_HUMAN                                                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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