

Rabbit anti-Human, Mouse FEN1 Polyclonal Antibody | anti-FEN1 antibody

FEN1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37219	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

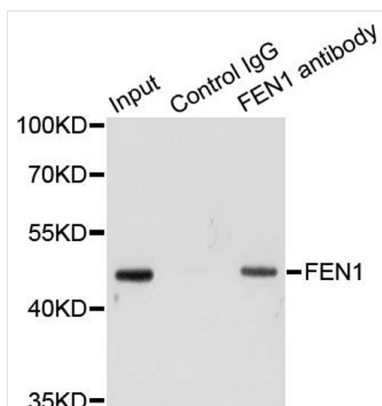
PRODUCT SYNONYMS

FEN1; Polyclonal Antibody; FEN1 Polyclonal Antibody; FEN-1; MF1; RAD2; anti-FEN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	380
Applicable Applications for anti-FEN1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human FEN1
Calculated Molecular Weight	43kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

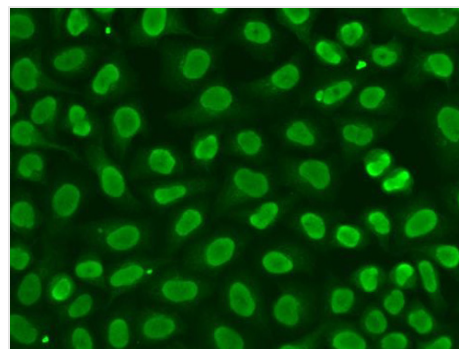
IMAGES



IP (Immunoprecipitation)

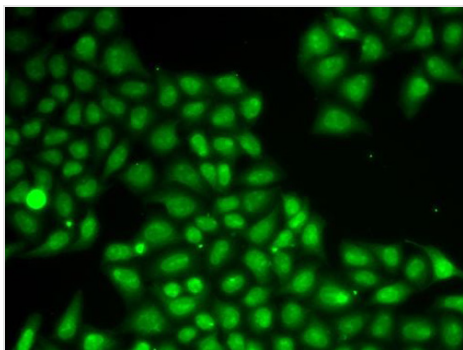
Immunoprecipitation analysis of 200ug extracts of HeLa cells using 1ug FEN1 antibody.

Western blot was performed from the immunoprecipitate using FEN1 antibody at a dilution of 1:1000.



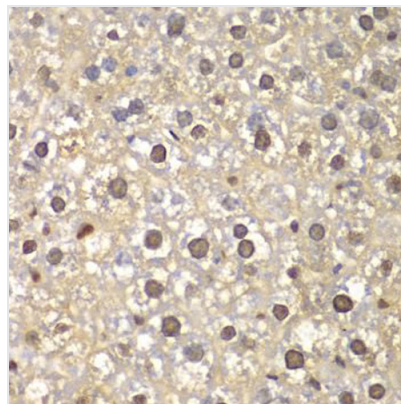
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using FEN1 antibody.



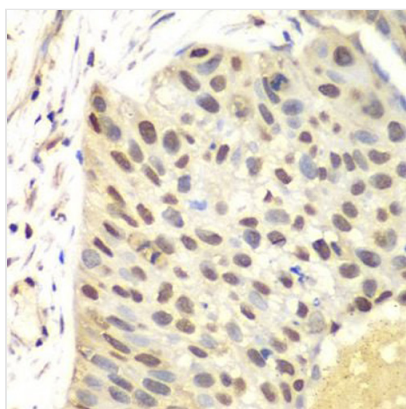
IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using FEN1 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse liver using FEN1 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using FEN1 antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-FEN1 antibody	Flap endonuclease-1 (FEN-1) is a structure-specific nuclease with multiple functions in DNA processing pathways (1,2). The replication and DNA repair activities of FEN-1 are critical for genomic stability in the eukaryotic cell. Through interaction with proliferation cell nuclear antigen (PCNA), FEN-1 helps coordinate Okazaki fragment maturation by removing RNA-DNA primers (3). FEN-1 is also required for non-homologous end joining of double stranded DNA breaks in long patch base excision repair (4,5). The multi-functional activities of FEN-1 are regulated by various mechanisms, including protein partner interactions (6,7), post-translational modifications (8,9), and subcellular re-localization in response to cell cycle or DNA damage (10).
Product Categories/Family for anti-FEN1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	729475
NCBI GeneID	2237
UniProt Accession #	P39748 ; AAB32522
Molecular Weight	380
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; FEN1; FEN-1; DNase IV; maturation factor 1; maturation factor-1
UniProt Protein Name	Flap endonuclease 1
UniProt Gene Name	FEN1
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/fen1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/37219>