

Rabbit anti-Human, Mouse Fen1 Polyclonal Antibody | anti-Fen1 antibody

Rabbit anti-Fen1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210845	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

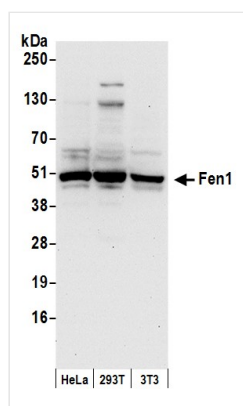
PRODUCT SYNONYMS

Fen1; Polyclonal Antibody; Rabbit anti-Fen1 Antibody; Affinity Purified; hFEN-1; MF1; maturation factor-1; Maturation factor 1; flap endonuclease 1; FEN-1; DNase IV; RAD2; Flap structure-specific endonuclease 1; Flap endonuclease 1; flap structure-specific endonuclease 1; anti-Fen1 antibody

PRODUCT SPECIFICATIONS

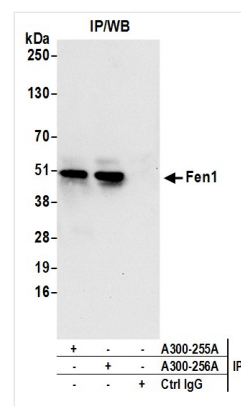
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-Fen1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Sheep, Bovine
Immunogen	Between 75 and 125
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse Fen1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Fen1 antibody AAA210845 (lot AAA210845-3) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human Fen1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Fen1 antibody AAA210845 (lot AAA210845-3) used for IP at 6 ug per reaction. Fen1 was also immunoprecipitated by rabbit anti-Fen1 antibody For blotting immunoprecipitated Fen1, AAA210845 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-Fen1 antibody	Flap endonuclease 1 (Fen1) is a member of the XPG/RAD2 endonuclease family. Fen1 functions primarily as an endonuclease that removes 5'-overhangs during base-excision DNA repair and lagging strand DNA synthesis. For these processes Fen1 interacts with PCNA and the 9-1-1 DNA repair complex. Fen1 also possesses 5' to 3' exonuclease activity as well as RNase H activity.
Product Categories/Family for anti-Fen1 antibody	Primary Antibodies

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	FEN1
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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fen1-antibody-immunoprecipitation-western-blot-elisa/210845>