

Rabbit anti-Human, mouse GEN1 Polyclonal Antibody | anti-GEN1 antibody

GEN1 Antibody (N-term)

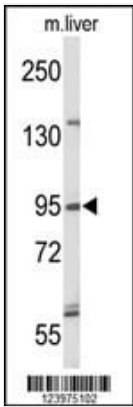
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285046	Rabbit	Human, mouse	ELISA, Western Blot

PRODUCT SYNONYMS

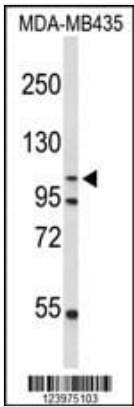
GEN1; Polyclonal Antibody; GEN1 Antibody (N-term); Flap endonuclease GEN homolog 1; 31--; anti-GEN1 antibody

PRODUCT SPECIFICATIONS

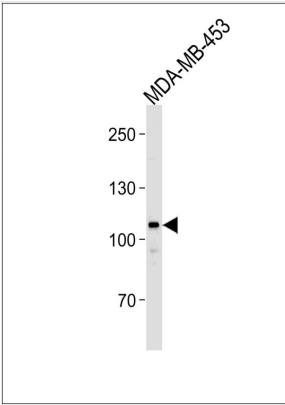
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GEN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 60-89 amino acids from the N-terminal region of human GEN1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	60-89
Sequence Length	908
Applicable Applications for anti-GEN1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Western blot analysis of GEN1 Antibody (N-term) in mouse liver tissue lysates (35ug/lane). GEN1 (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of GEN1 Antibody (N-term) in MDA-MB435 cell line lysates (35ug/lane). GEN1 (arrow) was detected using the purified Pab;



WB (Western Blot)
Western blot analysis of lysate from MDA-MB-453 cell line, using GEN1 Antibody (N-term). AAA285046 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

ADDITIONAL INFORMATION

Related Product Information for anti-GEN1 antibody	Endonuclease which cleaves flap structures at the junction between single-stranded DNA and double-stranded DNA. Specific for 5'-overhanging flap structures in which the 5'-upstream of the flap is completely double-stranded. Prefers the blocked-flap structures similar to those occurring at replication forks, in which the 5' single-strand overhang of the flap is double-stranded (By similarity).
Product Categories/Family for anti-GEN1 antibody	Crown Antibodies
References	Ip, S.C., et al. Nature 456(7220):357-361(2008) Ishikawa, G., et al. Nucleic Acids Res. 32(21):6251-6259(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	194018535
NCBI GeneID	348654
NCBI Accession #	NP_001123481.1; NP_872431.3
NCBI GenBank Nucleotide #	NM_001130009.1
UniProt Accession #	Q17RS7; Q17RS9; Q6ZN37
Molecular Weight	102884

NCBI Official Full Name	flap endonuclease GEN homolog 1
NCBI Official Synonym Full Names	GEN1 Holliday junction 5' flap endonuclease
NCBI Official Symbol	GEN1
NCBI Official Synonym Symbols	Gen
NCBI Protein Information	flap endonuclease GEN homolog 1
UniProt Protein Name	Flap endonuclease GEN homolog 1
UniProt Gene Name	GEN1
UniProt Entry Name	GEN_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/gen1-antibody-western-blot-elisa/285046>