

Rabbit NEI3/NEIL3 Polyclonal Antibody | anti-NEI3/NEIL3 antibody

Anti-NEI3/NEIL3 Antibody (aa491-540)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162351	Rabbit	HumanPredicted: Mouse	Western Blot, Immunohistochemistry, ELISA

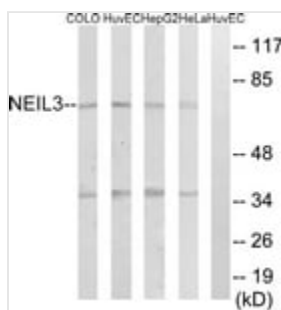
PRODUCT SYNONYMS

NEI3/NEIL3; Polyclonal Antibody; Anti-NEI3/NEIL3 Antibody (aa491-540); Rabbit Polyclonal to Human NEI3/NEIL3; NEIL3; DNA glycosylase/AP lyase Neil3; FGP2; DNA glycosylase FPG2; DNA glycosylase hFPG2; FPG2; HFPG2; Endonuclease 8-like 3; Endonuclease VIII-like 3; HNEI3; Nei-like protein 3; NEI3; anti-NEI3/NEIL3 antibody

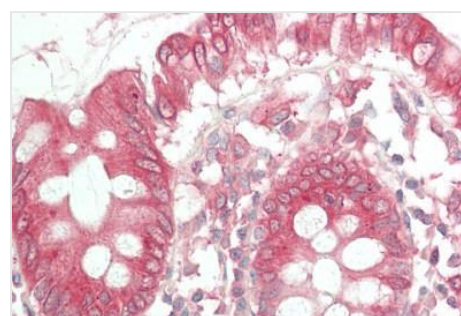
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted: Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	NEIL3 Antibody detects endogenous levels of total NEIL3 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol
Sequence Length	605
Applicable Applications for anti-NEI3/NEIL3 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide from human NEIL3 (aa491-540).
Conjugation	Unconjugated
Epitope	aa491-540
Preparation and Storage	Store at -20 degree C for up to one year.

IMAGES


WB (Western Blot)

Western blot of extracts from HeLa/HepG2/HUVEC/COLO cells, using NEIL3 Antibody. The lane on the right is treated with the synthesized peptide.


IHC (Immunohistochemistry)

Human Colon: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-NEI3/NEIL3 antibody	DNA glycosylase which prefers single-stranded DNA (ssDNA), or partiallyssDNA structures such as bubble and fork structures, to double-strandedDNA (dsDNA). In vitro, displays strong glycosylase activity towards the hydantoin lesions spiroiminodihydantoin (Sp) and guanidinohydantoin(Gh) in both ssDNA and dsDNA; also recognizes FapyA, FapyG, 5-OHU, 5-OHC, 5-OHMH, Tg and 8-oxoA lesions in ssDNA. No activity on 8-oxoGdetected. Also shows weak DNA-(apurinic or apyrimidinic site) lyaseactivity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157388969
NCBI GeneID	55247
NCBI Accession #	NP_060718.2
NCBI GenBank Nucleotide #	NM_018248.2
UniProt Accession #	Q8TAT5; Q2PPJ3; Q8NG51; Q9NV95
Molecular Weight	67,769 Da
NCBI Official Full Name	endonuclease 8-like 3
NCBI Official Synonym Full Names	nei like DNA glycosylase 3
NCBI Official Symbol	NEIL3
NCBI Official Synonym Symbols	FGP2; FPG2; NEI3; ZGRF3; hFPG2; hNEI3
NCBI Protein Information	endonuclease 8-like 3
UniProt Protein Name	Endonuclease 8-like 3
UniProt Gene Name	NEIL3

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/nei3-neil3-antibody-western-blot-immunohistochemistry-elisa/162351>