

Rabbit anti-Human EPHA10 Polyclonal Antibody | anti-NEIL3 antibody

EPHA10 Conjugated Antibody

CATALOG # AAA312756	HOST Rabbit	REACTIVITY Human
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PRODUCT SYNONYMS

EPHA10; Polyclonal Antibody; EPHA10 Conjugated Antibody; Endonuclease VIII-like 3; Nei-like 3; DNA glycosylase FPG2; anti-NEIL3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total NEIL3 protein.
Purity/Purification	This antibody was affinity-purified from rabbit aniserum by affinity-chromatography using epitope-specific immunogen
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Immunogen	Synthesized peptide derived from internal of human NEIL3.
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF750: 749nm/775nm
Preparation and Storage	Store at 4 degrees C in dark for 6 months.

ADDITIONAL INFORMATION

Related Product Information for anti-NEIL3 antibody	DNA glycosylase which prefers single-stranded DNA (ssDNA), or partially ssDNA structures such as bubble and fork structures, to double-stranded DNA (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-oxoG detected. Also shows weak DNA- (apurinic or apyrimidinic site) lyase activity. In vivo, appears to be the primary enzyme involved in removing Sp and Gh from ssDNA in neonatal tissues. Seems to be an important facilitator of cell proliferation in certain populations, for example neural stem/progenitor cells and tumor cells, suggesting a role in replication-associated DNA repair.
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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	68
NCBI Official Full Name	endonuclease 8-like 3

NCBI Official Synonym Full Names	nei endonuclease VIII-like 3 (E. coli)
NCBI Official Symbol	NEIL3
NCBI Official Synonym Symbols	FGP2; FPG2; NEI3; hFPG2; hNEI3
NCBI Protein Information	endonuclease 8-like 3; nei-like protein 3; DNA glycosylase FPG2; DNA glycosylase hFPG2; endonuclease VIII-like 3; DNA glycosylase/AP lyase Neil3
UniProt Protein Name	Endonuclease 8-like 3
UniProt Gene Name	NEIL3
UniProt Entry Name	NEIL3_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://www.aaabiotech.com/polyclonal/epha10-antibody-elisa/312756>