

DNAxPAb

Hard-to-Find
Antibody

NEIL3 DNAxPAb

Catalog # H00055247-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NEIL3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MVEGPGCTLNGEKIRARVLPGQAVTGVRGSALRSLQGRALRLAASTVVVSPQAAALNNDSSQNV LSLFNGYVYSGVETLGKELFMYFGPKALRIHFGMKGFIMINPLEYKYKNGASRVLEVQLTKDLICFF DSSVELRNSMESQQRIRMMKELDVCSPEFSFLRAESEVKKQKGRMLGDVLMDQNVLPGVGNIK NEALFDSGLHPAVKVCQLTDEQIHLMKMRDFSILFYRCRKAGLALSKHYKVYKRPNCGQCHCRI TVCRFGDNNRMTYFCPHCQKENPQHVDICKLPTRNTIISWTSSRVDHVMDSVARKSEEHWTCVV CTLINKPSSKACDACTSRPIDSVLKSEENSTVFSLMKYPCNTFGKPHTEVKINRKTAFGTTTLVL TDFSNKSSTLERKTKQNQILDEEFQNSPPASVCLNDIQHPSKKTNDITQLSSKVNISPTISSESKLF SPAHKPKTAHYSSPELKSCNPGYSNSELQINMTDGPRTLNPDSPRCSKHNRLCILRVVRKDGEN KGRQFYACPLPREAQCGFFEWADLSFPFCNHGKRSTMTKTVLKIGPNNGKNFFVCPLGKEKQCN FFQWAENGPGIKIIPGC
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — NEIL3

Entrez GeneID [55247](#)

GeneBank Accession# [BC025954.1](#)

Protein Accession# [AAH25954.1](#)

Gene Name NEIL3

Gene Alias FGP2, FLJ10858, FPG2, NEI3, hFPG2, hNEI3

Gene Description nei endonuclease VIII-like 3 (E. coli)

Omim ID [608934](#)

Gene Ontology [Hyperlink](#)

Gene Summary NEIL3 belongs to a class of DNA glycosylases homologous to the bacterial Fpg/Nei family. These glycosylases initiate the first step in base excision repair by cleaving bases damaged by reactive oxygen species and introducing a DNA strand break via the associated lyase reaction (Bandaru et al., 2002 [PubMed 12509226]).[supplied by OMIM]

Other Designations DNA glycosylase hFPG2|nei endonuclease VIII-like 3

Pathway

- [Base excision repair](#)

Disease

- [Adenomatous Polyposis Coli](#)

- [Breast cancer](#)

- [Colon cancer](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Werner syndrome](#)