

DNAxPAb

Hard-to-Find
Antibody

NEIL1 DNAxPAb

Catalog # H00079661-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NEIL1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MPEGPELHLASQFVNEACRALVFGGCVEKSSVSRNPEVPFESSAYRISASARGKELRLILSPLPG AQPQQEPLALVFRFGMSGSFQLVPREELPRHAHLRFYTAPPGPRLALCFVDIRRFGRWDLGGK WQPGRGPCVLQEYQQFRENVLRLNADKAFDRPICEALLDQRRFFNGIGNYLRAEILYRLKIPFEKA RSVLEALQQHRPSPELTLSQKIRTKLQNPDLLELCHSVPKEVVQLGGRGYGSESGEEDFAAFRA WLRCYGMPPGMSSLQDRHGRTIWFQGDPGPLAPKGRKSRKKKSKATQLSPEDRVEDALPPSKA PSRTRRAKRDLPKRTATQRPEGTSLQQDPEAPTVPKKGRRKGRQAASGHCRPRKVKADIPSLEP EGTSAS
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 — NEIL1

Entrez GeneID	79661
GeneBank Accession#	BC010876.1
Protein Accession#	AAH10876.1
Gene Name	NEIL1
Gene Alias	FLJ22402, FPG1, NEI1, hFPG1
Gene Description	nei endonuclease VIII-like 1 (E. coli)
Omim ID	608844
Gene Ontology	Hyperlink
Gene Summary	NEIL1 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	endonuclease VIII nei endonuclease VIII-like 1

Pathway

- [Base excision repair](#)

Disease

- [Adenomatous Polyposis Coli](#)
- [Bile Duct Neoplasms](#)
- [Carcinoma](#)
- [Cholangiocarcinoma](#)
- [Cholangitis](#)

- [Colon cancer](#)
- [Disease Progression](#)
- [DNA Damage](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Neoplasms](#)
- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)
- [Mouth Neoplasms](#)
- [Multiple Sclerosis](#)
- [Oropharyngeal Neoplasms](#)