

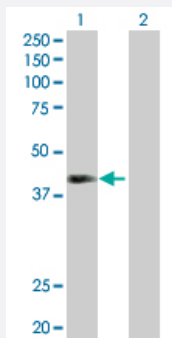
MaxPab®

NEIL2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00252969-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of NEIL2 expression in transfected 293T cell line ([H00252969-T02](#)) by NEIL2 MaxPab polyclonal antibody.

Lane 1: NEIL2 transfected lysate(36.80 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NEIL2 protein.
Immunogen	NEIL2 (NP_659480.1, 1 a.a. ~ 332 a.a) full-length human protein.
Sequence	MPEGPLVRKFHHLVSPFVGQQVVKTTGGSSKKLQPASLQSLWLQDTQVHGKKLFLRFDLDEEMG PPGSSPTPEPPQKEVQKEGAADPKQVGEPGSGQKTLTGSSRSALVPQGEGDSEYLERDAPAG DAGRWLRSFGLFGSVVWNDFSRRAKKANKRGDWRDPSPRLVLHFGGGGFLAFYNCQLSWSSS PVVTPTCDILSEKFHRGQALEALGQAQPVCTLLDQRYFSGLGNIKNEALYRAGIHPLSLGSVLSA SRREVLVDHVVEFSTAWLQGKFQGRPQHTQVYQKEQCPAGHQVMKEAFGPEDGLQRLTWWC PQCQPQLSEEPEQCQFS
Host	Rabbit
Reactivity	Human
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.

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[Protocol Download](#)

Gene Info — NEIL2

Entrez GeneID [252969](#)

GeneBank Accession# [NM_145043.1](#)

Protein Accession# [NP_659480.1](#)

Gene Name NEIL2

Gene Alias FLJ31644, MGC2832, MGC4505, NEH2, NEI2

Gene Description nei like 2 (E. coli)

Omim ID [608933](#)

Gene Ontology [Hyperlink](#)

Gene Summary NEIL2 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 OTTHUMP00000116006|nei-like 2

Pathway

- [Base excision repair](#)

Disease

- [Adenomatous Polyposis Coli](#)

- [Carcinoma](#)
- [Colon cancer](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Kidney Failure](#)
- [Lymphatic Metastasis](#)
- [Mouth Neoplasms](#)
- [Multiple Sclerosis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Oropharyngeal Neoplasms](#)