

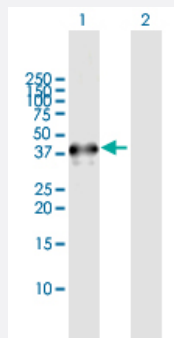
MaxPab®

NEIL2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00252969-D01

Size 100 uL

Applications

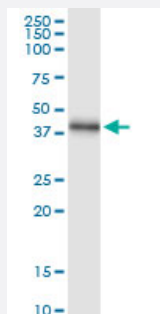


Western Blot (Transfected lysate)

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.



Immunoprecipitation

Immunoprecipitation of NEIL2 transfected lysate using anti-NEIL2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with NEIL2 MaxPab mouse polyclonal antibody (B01) ([H00252969-B01](#)).

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
PPGSSPTPEPPQKEVQKEGAADPKQVGEPGSGQKTLTGSSRSaelVPQGeddSEYLERDAPAG
DAGRWLrvsFGLFGSVVWNDFsRAKKANKRGDWRDPSPRLVLHFGGGGFLAFYNCQLSWSSS
PVVTPtCDILSEKFHRGQALEALGQAQPVCYTLLDQRYFSGLGNIikNEALYRAGIHPLSLGsvLSA
SRREVLVDHVVEFSTAWLQGKFQGRPQHTQVYQKEQCPAGHQVMKEAFGPEDGLQRLTWWC
PQCQPQLSEEPEQCQFS

Host

Rabbit

Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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.

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of NEIL2 transfected lysate using anti-NEIL2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with NEIL2 MaxPab mouse polyclonal antibody (B01) ([H00252969-B01](#)).

[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](#)