

ARG63508
anti-NEIL1 / NEH1 antibodyPackage: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes NEIL1 / NEH1
Tested Reactivity	Hu
Predict Reactivity	Cow, Pig
Tested Application	IHC-P
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	NEIL1 / NEH1
Species	Human
Immunogen	C-DIPSLEPEGTSAS
Conjugation	Un-conjugated
Alternate Names	Nei homolog 1; EC 4.2.99.18; FPG1; apurinic or apyrimidinic site; DNA glycosylase/AP lyase Neil1; Nei-like protein 1; Endonuclease VIII-like 1; Endonuclease 8-like 1; NEI1; NEH1; DNA-; EC 3.2.2.-; hFPG1

Application Instructions

Application table	Application	Dilution
	IHC-P	5 - 10 µg/ml

Application Note IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links [GeneID: 79661 Human](#)

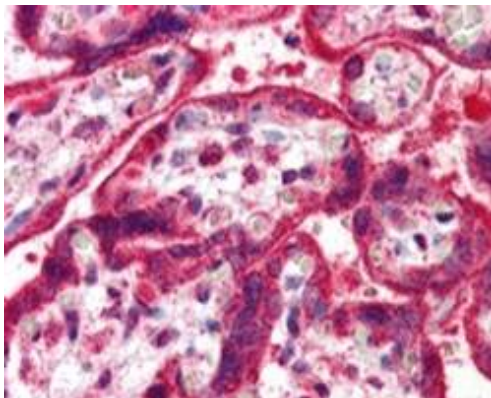
[Swiss-port # Q96FI4 Human](#)

Background This gene is a member of the Nei endonuclease VIII-like gene family which encodes DNA glycosylases. The encoded enzyme participates in the DNA repair pathway by initiating base excision repair by removing damaged bases, primarily oxidized pyrimidines. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2012]

Research Area Gene Regulation antibody

Calculated Mw 44 kDa

Images



ARG63508 anti-NEIL1 / NEH1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human placenta tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63508 anti-NEIL1 / NEH1 antibody at 5 µg/ml dilution followed by AP-staining.