



# Human NEIL1 blocking peptide (CDBP1995)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-NEIL1/NEH1 antibody
<b>Antigen Description</b>	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]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">NEIL1 nei endonuclease VIII-like 1 (E. coli) [ Homo sapiens ]</a>
<b>Official Symbol</b>	NEIL1
<b>Synonyms</b>	NEIL1; nei endonuclease VIII-like 1 (E. coli); endonuclease 8-like 1; FLJ22402; FPG1; hFPG1; NEI1; NEH1; nei homolog 1; endonuclease VIII; nei-like protein 1; endonuclease VIII-like 1; DNA glycosylase/AP lyase Neil1; DNA-(apurinic or apyrimidinic site) lyase Neil1;

<b>Entrez Gene ID</b>	<a href="#">79661</a>
<b>mRNA Refseq</b>	<a href="#">NM_001256552</a>
<b>Protein Refseq</b>	<a href="#">NP_001243481</a>
<b>UniProt ID</b>	Q96FI4
<b>Chromosome Location</b>	15q33.33
<b>Pathway</b>	Base excision repair, organism-specific biosystem; Base excision repair, conserved biosystem;
<b>Function</b>	DNA N-glycosylase activity; DNA-(apurinic or apyrimidinic site) lyase activity; damaged DNA binding; hydrolase activity, acting on glycosyl bonds; lyase activity; protein C-terminus binding; zinc ion binding;