

NEIL2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP11795
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from part region of human protein
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Endonuclease 8-like 2
Synonyms	Endonuclease 8-like 2 ;EC 3.2.2.-;EC 4.2.99.18;DNA glycosylase/AP lyase Neil2;DNA-;apurinic or apyrimidinic site lyase Neil2;Endonuclease VIII-like 2;Nei homolog 2;NEH2;Nei-like protein

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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)

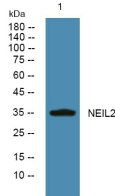
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year