Datasheet for ABIN953644

anti-NEIL2 antibody (N-Term)

1 Image

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Overview

Quantity:	0.4 mL
Target:	NEIL2
Binding Specificity:	AA 66-96, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEIL2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 66-96 amino acids from the N-terminal region of human NEIL2
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human NEIL2 (N-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	NEIL2
Alternative Name:	NEIL2 (NEIL2 Products)
Background:	NEIL2 belongs to a class of DNA glycosylases homologous to the bacterial Fpg/Nei family.

Target Details

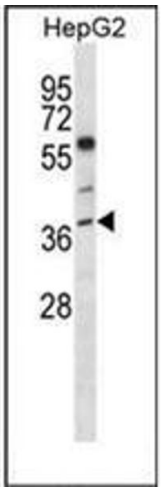
	These glycosylases initiate the first step in base excision repair by cleaving bases damaged by reactive oxygen species and introducing a DNA strand break via the associated lyase reaction (Bandaru et al., 2002 [PubMed 12509226].Synonyms: Endonuclease VIII-like 2, NEH2, Nei-like 2
Molecular Weight:	36826 Da
Gene ID:	252969
NCBI Accession:	NP_001129220
Pathways:	DNA Damage Repair

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Western blot analysis of NEIL2 Antibody (N-term) in HepG2 cell line lysates (35ug/lane). This demonstrates the NEIL2 antibody detected the NEIL2 protein (arrow).