

Datasheet for ABIN636292
anti-NEIL3 antibody (AA 164-177)



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Overview

Quantity:	100 µg
Target:	NEIL3
Binding Specificity:	AA 164-177
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEIL3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	NEI3 antibody was raised in rabbit using AA 164-177 (LRAESEVKKQKGRMLG) of the human NEI3 protein as the immunogen.
Isotype:	IgG
Purification:	Affinity chromatography purified

Target Details

Target:	NEIL3
Alternative Name:	NEI3 (NEIL3 Products)
Background:	Endonuclease VIII-like 1 (NEI1) is an enzyme that in humans is encoded by the NEI1 gene. NEI1 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

Target Details

reactive oxygen species and introducing a DNA strand break via the associated lyase reaction.

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: WB: 1:500
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: Affinity purified IgG supplied in PBS with 0.02 % NaN₃.

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 freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C for short term storage. Aliquot and store at -20 °C for long term storage.