

Datasheet for ABIN653649  
**anti-NEIL1 antibody (AA 130-159)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	400 µL
Target:	NEIL1
Binding Specificity:	AA 130-159
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEIL1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This NEIL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 130-159 amino acids from the Central region of human NEIL1.
Clone:	RB18510
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	NEIL1
Alternative Name:	NEIL1 ( <a href="#">NEIL1 Products</a> )

## Target Details

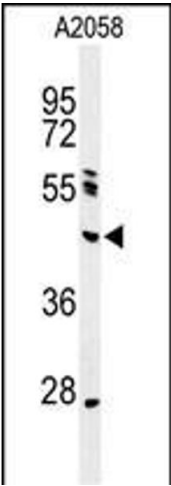
Background:	NEIL1 belongs to a class of DNA glycosylases homologous to the bacterial Fpg/Nei family. These glycosylases initiate the first step in base excision repair by cleaving bases damaged by reactive oxygen species and introducing a DNA strand break via the associated lyase reaction (Bandaru et al., 2002 [PubMed 12509226]).
Molecular Weight:	43684
Gene ID:	79661
NCBI Accession:	<a href="#">NP_001243481</a> , <a href="#">NP_078884</a>
UniProt:	<a href="#">Q96FI4</a>
Pathways:	<a href="#">DNA Damage Repair</a>

## Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

**Image 1.** Western blot analysis of NEIL1 Antibody (Center) (ABIN653649 and ABIN2842990) in cell line lysates (35  $\mu$ g/lane). NEIL1 (arrow) was detected using the purified Pab.