

Datasheet for ABIN7441700  
**anti-NEIL3 antibody (AA 2-187)**[Go to Product page](#)

## 3 Images

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | NEIL3   |
| Binding Specificity: | AA 2-187  |
| Reactivity:          | Mouse   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This NEIL3 antibody is un-conjugated  |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP),<br>Immunocytochemistry (ICC) |

## Product Details

|                   |  |
|-------------------|--|
| Purpose:          | Polyclonal Antibody to Nei Endonuclease VIII Like Protein 3 (NEIL3)  |
| Immunogen:        | Recombinant Nei Endonuclease VIII Like Protein 3 (NEIL3) corresponding to Val2~Val187  |
| Isotype:          | IgG  |
| Specificity:      | The antibody is a rabbit polyclonal antibody raised against NEIL3. It has been selected for its ability to recognize NEIL3 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Rat  |
| Purification:     | Antigen-specific affinity chromatography followed by Protein A affinity chromatography   |

## Target Details

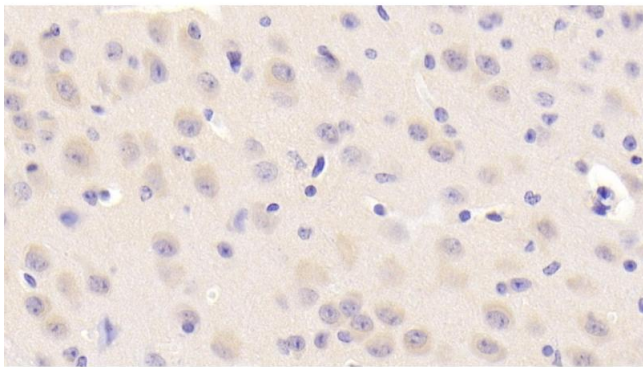
|                   |  |
|-------------------|--|
| Target:           | NEIL3  |
| Alternative Name: | Nei Endonuclease VIII Like Protein 3 ( <a href="#">NEIL3 Products</a> )  |
| Background:       | FPG2, hFPG2, hNEI3, Endonuclease 8-like 3, DNA glycosylase FPG2, DNA glycosylase/AP lyase<br>Neil3, Nei-like protein 3 |
| Pathways:         | <a href="#">DNA Damage Repair</a>  |

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL<br>Immunohistochemistry: 5-20 µg/mL<br>Immunocytochemistry: 5-20 µg/mL<br>Optimal working dilutions must be determined by end user.   |
| Comment:           | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions:      | For Research Use only   |

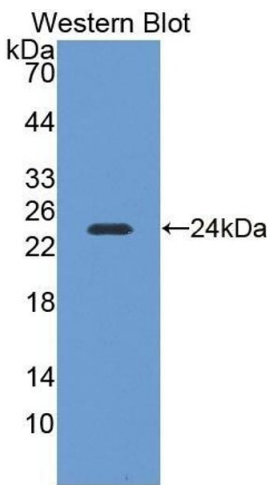
## Handling

|                    |   |
|--------------------|---|
| Format:            | Liquid  |
| Buffer:            | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.   |
| 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:   | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date:       | 24 months   |



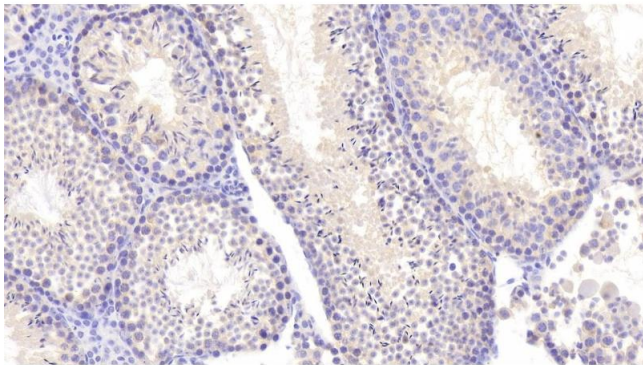
#### Immunohistochemistry

**Image 1.** Detection of NEIL3 in Mouse Cerebrum Tissue using Polyclonal Antibody to Nei Endonuclease VIII Like Protein 3 (NEIL3)



#### Western Blotting

**Image 2.** Detection of Recombinant NEIL3, Mouse using Polyclonal Antibody to Nei Endonuclease VIII Like Protein 3 (NEIL3)



#### Immunohistochemistry

**Image 3.** Detection of NEIL3 in Mouse Testis Tissue using Polyclonal Antibody to Nei Endonuclease VIII Like Protein 3 (NEIL3)