

Datasheet for ABIN3031967
anti-NEDD8 antibody (AA 1-32)[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	NEDD8
Binding Specificity:	AA 1-32
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEDD8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A portion of amino acids 1-32 from the human protein was used as the immunogen for this NEDD8 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat, Bovine, Rabbit
Purification:	Purified

Target Details

Target:	NEDD8
Alternative Name:	NEDD8 (NEDD8 Products)
Background:	NEDD8 is a ubiquitin-like protein which plays an important role in cell cycle control and

Target Details

embryogenesis. Covalent attachment to its substrates requires prior activation by the E1 complex UBE1C-APPBP1 and linkage to the E2 enzyme UBE2M. Attachment of NEDD8 to cullins activates their associated E3 ubiquitin ligase activity, and thus promotes polyubiquitination and proteasomal degradation of cyclins and other regulatory proteins.

UniProt: [Q15843](#)

Pathways: [Ubiquitin Proteasome Pathway](#)

Application Details

Application Notes: Titration of the NEDD8 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

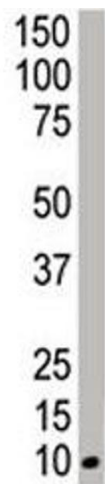
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

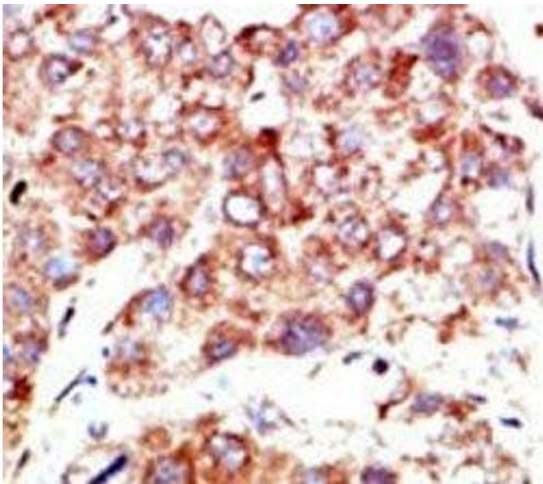
Storage: -20 °C

Storage Comment: Aliquot the NEDD8 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



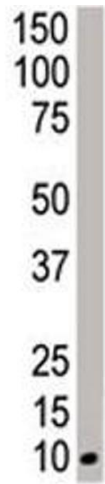
Western Blotting

Image 1. Western blot analysis of NEDD8 antibody and HeLa cell lysate



Immunohistochemistry

Image 2. IHC analysis of FFPE human hepatocarcinoma stained with the NEDD8 antibody



Western Blotting

Image 3. Western blot analysis of NEDD8 antibody and HeLa cell lysate