

Datasheet for ABIN704471

**anti-NEDD8 antibody (AA 31-81)**[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	NEDD8
Binding Specificity:	AA 31-81
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEDD8 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NEDD8
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Pig
Purification:	Purified by Protein A.

## Target Details

Target:	NEDD8
Alternative Name:	NEDD8 ( <a href="#">NEDD8 Products</a> )

## Target Details

Background:	<p>Synonyms: NED8, NEDD 8, Neddylin, Neural precursor cell expressed developmentally down regulated 8, Neural precursor cell expressed developmentally down regulated gene 8, Rub1, Ubiquitin like protein Nedd 8, Ubiquitin like protein Nedd8.</p> <p>Background: Ubiquitin like proteins fall into two classes: the first class, ubiquitin-like modifiers (UBLs) function as modifiers in a manner analogous to that of ubiquitin. Examples of UBLs are SUMO, Rub1 (also called Nedd8), Apg12 and Hub1. Proteins of the second class include Parkin, RAD23 and DSK2, are designated ubiquitin domain proteins (UDPs). These proteins contain domains that are related to ubiquitin but are otherwise unrelated to each other. In contrast to UBLs, UDPs are not proteolytically processed or conjugated to other proteins. Rub1 and the corresponding human homolog NEDD8 are activated by the E1 ubiquitin activating enzyme UBA2, that forms isopeptide linkages between thio esters. NEDD8 shows 80 % homology to ubiquitin. The best known targets of Rub1 modification are members of the cullin family. Cullins are subunits of an E3 ubiquitin ligase complex called the Skp1 /Cul1/Cdc53 F box (SCF). The SCF promotes transfer of ubiquitin from a ubiquitin conjugating enzyme (E2) to the target protein. Rub1 modification may regulate SCF function or localization.</p>
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Gene ID:	4738
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Pathways:	<a href="#">Ubiquitin Proteasome Pathway</a>
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## Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

## Handling

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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months