

**Product Name: NEDD8 Activating Enzyme E1C Rabbit  
Monoclonal Antibody**  
**Catalog #: AMRe03243**

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## Summary

<b>Production Name</b>	NEDD8 Activating Enzyme E1C Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	UBA3
<b>Alternative Names</b>	NAE2; UBE1C; hUBA3
<b>Gene ID</b>	9039
<b>SwissProt ID</b>	Q8TBC4

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000
<b>Molecular Weight</b>	Calculated MW: 52 kDa; Observed MW: 52 kDa

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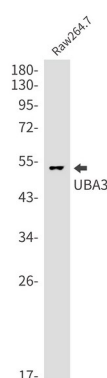
## Background

The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E1 ubiquitin-activating enzyme family. The encoded enzyme associates with AppBp1, an amyloid beta precursor protein binding protein, to form a heterodimer, and then the enzyme complex activates NEDD8, a ubiquitin-like protein, which regulates cell division, signaling and embryogenesis. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

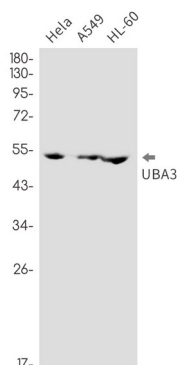
## Research Area

Cell Biology

## Image Data



Western blot analysis of UBA3 in Raw264.7 lysates using NEDD8 Activating Enzyme E1C antibody.



Western blot analysis of UBA3 in HeLa, A549, HL-60 lysates using UBA3 antibody.

## Note

For research use only.

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