

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



Summary

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

Performance

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

Immunogen

Gene Name	UBA3
Alternative Names	NAE2; UBE1C; hUBA3
Gene ID	9039
SwissProt ID	Q8TBC4

Application

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

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



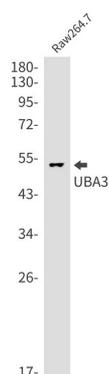
Background

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.

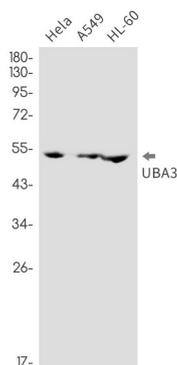
Research Area

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.

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

