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

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human, Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.65mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

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

Antigen Information

Gene Name	UBA3
Alternative Names	NAE2; UBE1C; hUBA3
Gene ID	9039
SwissProt ID	Q8TBC4
Immunogen	A synthetic peptide of human UBA3

Background

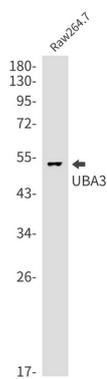
The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-

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.

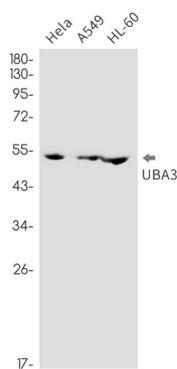
Research Area

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.