
Product Name: UBA3 Rabbit Monoclonal Antibody**Catalog #: AMRe84768**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000
Molecular Weight	Calculated MW: 52 kDa ; Observed MW: 50 kDa

Antigen Information

Gene Name	UBA3
Alternative Names	hUba3; NEDD8 activating enzyme E1C; uba3; UBE1C;;UBA3
Gene ID	
SwissProt ID	Q8TBC4
Immunogen	A synthesized peptide derived from human UBA3

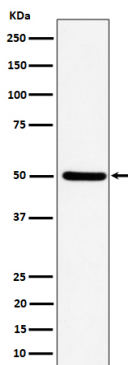
Background

Catalytic subunit of the dimeric UBA3-NAE1 E1 enzyme. E1 activates NEDD8 by first adenylating its C-terminal glycine residue with ATP, thereafter linking this residue to the side chain of the catalytic cysteine, yielding a NEDD8-UBA3 thioester and free

AMP. E1 finally transfers NEDD8 to the catalytic cysteine of UBE2M. Down-regulates steroid receptor activity. Necessary for cell cycle progression.

Research Area

Image Data



Western blot analysis of UBA3 expression in HeLa cell lysate.