

Product Name: APPBP1 Rabbit Monoclonal Antibody**Catalog #: AMRe01665**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/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,IP 1:20-1:50
Molecular Weight	Calculated MW: 60 kDa; Observed MW: 60 kDa

Antigen Information

Gene Name	NAE1
Alternative Names	NEDD8 activating enzyme E1 subunit 1; HPP1; ula-1; APPBP1; A-116A10.1
Gene ID	8883
SwissProt ID	Q13564
Immunogen	A synthetic peptide of human APPBP1

Background

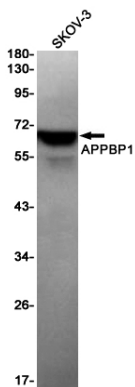
Regulatory subunit of the dimeric UBA3-NAE1 E1 enzyme. E1 activates NEDD8 by first adenylating its C-terminal glycine residue with ATP, thereafter linking this residue to the side chain of the catalytic cysteine, yielding a NEDD8-UBA3 thioester and

free AMP. E1 finally transfers NEDD8 to the catalytic cysteine of UBE2M. Necessary for cell cycle progression through the S-M checkpoint. Overexpression of NAE1 causes apoptosis through deregulation of NEDD8 conjugation.

Research Area

Cell Biology

Image Data



Western blot analysis of APPBP1 in SKOV-3 lysates using APPBP1 antibody.