

## APPBP1 RABBIT MAB

**Cat.#:** N261860

**Product Name:** Anti-APPBP1 Rabbit Monoclonal Antibody

**Synonyms:** NEDD8 activating enzyme E1 subunit 1; HPP1; ula-1; APPBP1; A-116A10.1

**UNIPROT ID:** Q13564

**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.

**Immunogen:** A synthetic peptide of human APPBP1

**Applications:** WB,IP

**Recommended Dilutions:** WB: 1/500-1/1000 IP: 1/20

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R03-1A7

**MW:** Calculated MW: 60 kDa; Observed MW: 60 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human

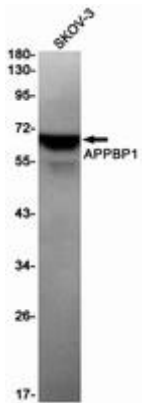
**Conjugation:** Unconjugated

**Modification:** Unmodified

**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Cell Biology

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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