

Product Name: KD-Validated NAE1 Mouse Monoclonal Antibody**Catalog #: KVAb00512**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,ICC
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:400-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 60.2kDa

Antigen Information

Gene Name	NAE1
Alternative Names	NAE1; NEDD8 Activating Enzyme E1 Subunit 1; APP-BP1; APPBP1; Ula-1; Amyloid Beta Precursor Protein-Binding Protein 1, 59 KDa; Amyloid Beta Precursor Protein Binding Protein 1, 59kDa; NEDD8-Activating Enzyme E1 Regulatory Subunit; Amyloid Protein-Binding Protein 1; Proto-Oncogene Protein 1; Amyloid Beta Precursor Protein-Binding Protein 1, 59kD; NEDD8-Activating Enzyme E1 Subunit; Protooncogene Protein 1; A-116A10.1; NEDFIH; HPP1
Gene ID	8883.0
SwissProt ID	Q13564
Immunogen	Recombinant protein of human NAE1

Background

The protein encoded by this gene binds to the beta-amyloid precursor protein. Beta-amyloid precursor protein is a cell surface protein with signal-transducing properties, and it is thought to play a role in the pathogenesis of Alzheimer's disease. In addition, the encoded protein can form a heterodimer with UBE1C and bind and activate NEDD8, a ubiquitin-like protein. This protein is required for cell cycle progression through the S/M checkpoint. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Research Area

Cancer

Image Data

