

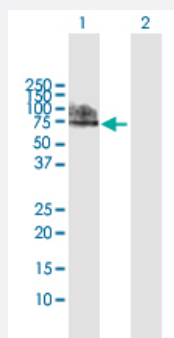
MaxPab®

NAE1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00008883-D01

Size 100 uL

Applications

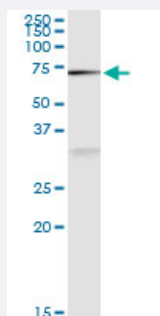


Western Blot (Transfected lysate)

Western Blot analysis of NAE1 expression in transfected 293T cell line ([H00008883-T02](#)) by NAE1 MaxPab polyclonal antibody.

Lane 1: NAE1 transfected lysate(60.20 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of NAE1 transfected lysate using anti-NAE1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with NAE1 purified MaxPab mouse polyclonal antibody (B01P) ([H00008883-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human NAE1 protein.

Immunogen

NAE1 (NP_003896.1, 1 a.a. ~ 534 a.a) full-length human protein.

Sequence

MAQLGKLLKEQKYDRQLRLWGDHGQEALES AHVCLINATATGTEILKNLVLPGIGSFTIIDGNQVSG
EDAGNNFFLQRSSIGKNRAEAAMEFLQELNSDVSGSFVEESPENLLDNDPSFFCRFTVVVATQL
PESTSLRLADVLWNSQIPLLICRTYGLVGYMRIIIKEHPVIESHPDNALEDLRDKPFPELREHFQSY
DLDHMEKKDHSHTPWMI AKYLAQWYSETNGRIPKTYKEKEDFRDLIRQGILKNENGAPED EENFE
EAIKNVNTALNTTQIPSSIEDIFNDDRCINITKQTPSFWILARALKEFVAKEGQG NLPVRGTIPDMIAD
SGKYIKLQNVYREKAKKDAAAVGNHVAKLLQSIGQAPESISEKELKLLCSNSAFLRVVRCRSLAEE
YGLDTINKDEIISMDNPDNEIVLYMLRAVDRFHKQQGRYPGVSNYQVEEDIGKLKSCLTGFLQEY
GLSVMVKDDYVHEFCRYGAAEPHTIAAFLGGAAAQEVIKITKQFVIFNNTYISGMSQTSATFQL

Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — NAE1

Entrez GeneID	8883
GeneBank Accession#	NM_003905
Protein Accession#	NP_003896.1
Gene Name	NAE1
Gene Alias	A-116A10.1, APPBP1, HPP1, ula-1
Gene Description	NEDD8 activating enzyme E1 subunit 1
Omim ID	603385
Gene Ontology	Hyperlink

Gene Summary

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]

Other Designations

NEDD8-activating enzyme E1 subunit|amyloid beta precursor protein binding protein 1, 59kDa|amyloid beta precursor protein-binding protein 1, 59kD|amyloid protein-binding protein 1|protooncogene protein 1