

Rabbit NAE1 Polyclonal Antibody | anti-NAE1 antibody

NAE1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285985	Rabbit	Human (Predicted Reactivity: Monkey, Rat)	Immunohistochemistry, ELISA, Western Blot

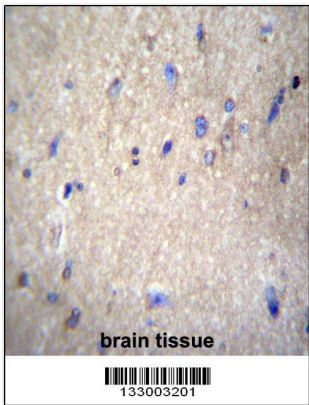
PRODUCT SYNONYMS

NAE1; Polyclonal Antibody; NAE1 Antibody (Center); NEDD8-activating enzyme E1 regulatory subunit; Amyloid beta precursor protein-binding protein 1; 59 kDa; APP-BP1; Amyloid protein-binding protein 1; Proto-oncogene protein 1; APPBP1; anti-NAE1 antibody

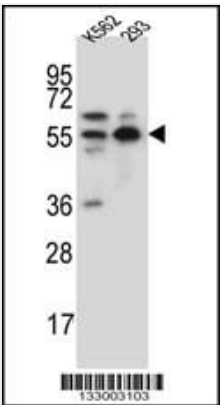
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NAE1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 172-200 amino acids from the Central region of human NAE1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	172-200
Sequence Length	528
Applicable Applications for anti-NAE1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
NAE1 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of NAE1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
NAE1 Antibody (Center) western blot analysis in K562,293 cell line lysates (35ug/lane).This demonstrates the NAE1 antibody detected the NAE1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-NAE1 antibody	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.
Product Categories/Family for anti-NAE1 antibody	Cell Biology
References	Jung, A.C., et al. Int. J. Cancer 126(8):1882-1894(2010) Park, Y., et al. Biochem. Biophys. Res. Commun. 374(2):294-298(2008) Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) : Li, T., et al. Arch. Biochem. Biophys. 453(1):70-74(2006) Norman, J.A., et al. Biochemistry 45(9):3014-3019(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	66363686
NCBI GeneID	8883
NCBI Accession #	NP_001018169.1; NP_001018170.1; NP_003896.1
NCBI GenBank Nucleotide #	NM_001018159.1
UniProt Accession #	Q13564; A6NCK0; A6NFN4; A8MU28; B2R700; B3KUP9
Molecular Weight	60246
NCBI Official Full Name	NEDD8-activating enzyme E1 regulatory subunit isoform b
NCBI Official Synonym Full Names	NEDD8 activating enzyme E1 subunit 1
NCBI Official Symbol	NAE1
NCBI Official Synonym Symbols	HPP1; ula-1; APPBP1; A-116A10.1
NCBI Protein Information	NEDD8-activating enzyme E1 regulatory subunit

UniProt Protein Name	NEDD8-activating enzyme E1 regulatory subunit
UniProt Gene Name	NAE1
UniProt Synonym Gene Names	APPBP1; APP-BP1
UniProt Entry Name	ULA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nae1-antibody-immunohistochemistry-western-blot-elisa/285985>