

Rabbit NAE1 (APPBP1) Polyclonal Antibody | anti-NAE1 antibody

NAE1 (APPBP1) Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286384	Rabbit	Human (Predicted Reactivity: Monkey, Mouse, Rat)	Immunohistochemistry, ELISA, Western Blot

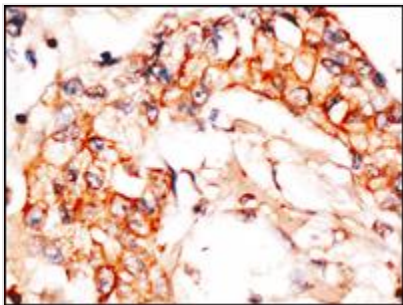
PRODUCT SYNONYMS

NAE1 (APPBP1); Polyclonal Antibody; NAE1 (APPBP1) Antibody (C-term); 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; NAE1; APPBP1; anti-NAE1 antibody

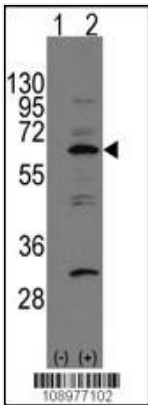
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NAE1 (APPBP1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 430-459 amino acids from the C-terminal region of human NAE1 (APPBP1).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	430-459
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.

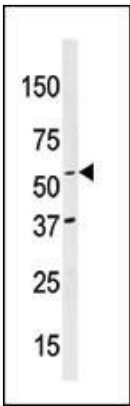
IMAGES



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human breast carcinoma reacted with anti-APPBP1 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of APP-BP1([arrow](#)) using rabbit polyclonal APP-BP1 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the APP-BP1 gene (Lane 2) (Origene Technologies).



WB (Western Blot)
Western blot analysis of anti-APPBP1 Antibody (C-term) in mouse brain tissue lysates (35ug/lane). APPBP1([arrow](#)) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-NAE1 antibody	APPBP1 binds to the beta-amyloid precursor protein, a cell surface protein with signal-transducing properties thought to play a role in the pathogenesis of Alzheimer's disease. In addition, this protein can form a heterodimer with UBE1C and bind and activate NEDD8, a ubiquitin-like protein. APPB1 is required for cell cycle progression through the S/M checkpoint.
Product Categories/Family for anti-NAE1 antibody	Cell Biology
References	Chen,Y., J. Cell Biol. 163 (1), 27-33 (2003) Chen,Y., J. Neurochem. 85 (3), 801-809 (2003) Walden,H., Nature 422 (6929), 330-334 (2003) Chow,N., J. Biol. Chem. 271 (19), 11339-11346 (1996)

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-appbp1-antibody-immunohistochemistry-western-blot-elisa/286384>