

Rabbit APPBP1 Polyclonal Antibody | anti-APPBP1 antibody

APPBP1 Antibody

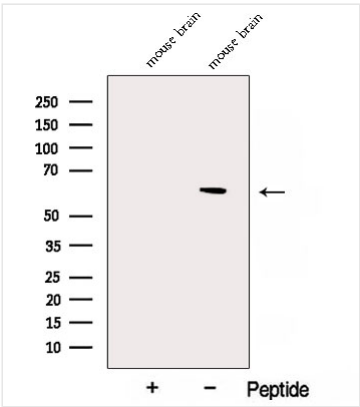
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328771	Rabbit	Human, Mouse, RatPredicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken	Western Blot

PRODUCT SYNONYMS

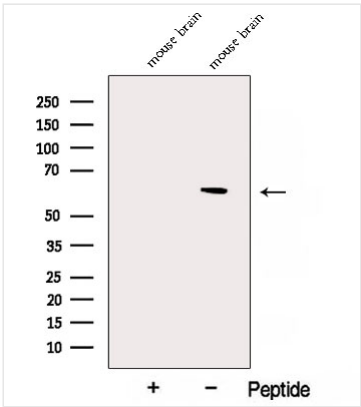
APPBP1; Polyclonal Antibody; APPBP1 Antibody; 59 kDa; A 116A10.1; Amyloid beta precursor protein binding protein 1 59kD; Amyloid beta precursor protein binding protein 1 59kDa; Amyloid beta precursor protein binding protein 1; Amyloid beta precursor protein-binding protein 1; Amyloid protein binding protein 1; Amyloid protein-binding protein 1; APP BP1; APP-BP1; APPBP 1; HPP 1; HPP1; NAE 1; NAE1; NEDD8 activating enzyme E1 regulatory subunit; NEDD8 activating enzyme E1 subunit 1; NEDD8 activating enzyme E1 subunit; NEDD8-activating enzyme E1 regulatory subunit; Proto oncogene protein 1; Proto-oncogene protein 1; Protooncogene protein 1; ula 1; ULA1_HUMAN; anti-APPBP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Clonality	Polyclonal
Isotype	IgG
Specificity	APPBP1 Antibody detects endogenous levels of APPBP1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	534
Applicable Applications for anti-APPBP1 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human APPBP1.
Tissue Specificity	Ubiquitous in fetal tissues. Expressed throughout the adult brain.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Plasma Membrane
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from Mouse brain tissue, using APPBP1 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from HepG2, using APPBP1 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-APPBP1 antibody	Description: 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.
	Post Translational Modifications: Ubiquitinated by TRIP12, leading to its degradation by the proteasome.
	Subunit Structure: Heterodimer of UBA3 and NAE1. The complex binds NEDD8 and UBE2M. Binds APP and TP53BP2.
	Similarity: Belongs to the ubiquitin-activating E1 family. ULA1 subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50400302
NCBI GeneID	8883
UniProt Accession #	Q13564
Molecular Weight	Observed: 60 kDa Predicted: 61 kDa
NCBI Official Full Name	NEDD8-activating enzyme E1 regulatory subunit
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/appbp1-antibody-western-blot-elisa/328771>