

Rabbit anti-Human, Mouse APH1 Polyclonal Antibody | anti-APH1A antibody

APH1 Antibody

CATALOG # AAA39541	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot, ELISA
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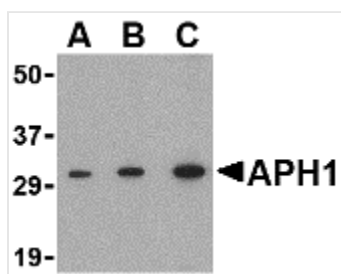
PRODUCT SYNONYMS

APH1; Polyclonal Antibody; APH1 Antibody; APH-1; APH-1A; CGI-78; 6530402N02Rik; PSF; UNQ579/PRO1141; Gamma-secretase subunit APH-1A; Aph-1alpha; APH-1a; anterior pharynx defective 1 homolog A (C. elegans); anti-APH1A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	APH1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; APH1 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	247
Applicable Applications for anti-APH1A antibody	WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	APH1 antibody was raised against a 13 amino acid synthetic peptide from near the amino terminus of human APH1a. The immunogen is located within amino acids 40 - 90 of APH1.
Positive Control	- RAW 264.7 Cell Lysate
Preparation and Storage	APH1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



WB (Western Blot)

APH1 antibody Western blot analysis of APH1 in RAW264.7 cell lysate with APH1 antibody at (A) 0.5, (B) 1 and (C) 2 µg/mL

ADDITIONAL INFORMATION

Related Product Information for anti-APH1A antibody	APH1 Antibody: APH1 was initially identified as a component of the Notch pathway in C. elegans. Along with nicastrin, PEN2, and presenilin-1 APH1 is an essential component of the gamma-secretase complex which cleave the amyloid precursor protein (APP) at what are known as the gamma- and epsilon-sites and can lead to the accumulation of the Amyloid beta peptide (Abeta) cleavage product that is associated with Alzheimer's disease. APH1 exists in at least three distinct isoforms with APH1a as the principal isoform present in the gamma-secretase complex. Mice deficient in this isoform, but not the other two, were lethal at E10.5, with impaired vascular and neural development observed.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14250557
NCBI GeneID	51107
UniProt Accession #	Q96BI3; Q5TB22; Q5TB23; Q969R6; Q9BVG0; Q9Y386; B4DQK0
NCBI Official Full Name	Anterior pharynx defective 1 homolog A (C. elegans)
NCBI Official Synonym Full Names	APH1A gamma secretase subunit
NCBI Official Symbol	APH1A
NCBI Official Synonym Symbols	APH-1; APH-1A; CGI-78; 6530402N02Rik
NCBI Protein Information	gamma-secretase subunit APH-1A; aph-1alpha; presenilin-stabilization factor; anterior pharynx defective 1 homolog A
UniProt Protein Name	Gamma-secretase subunit APH-1A
UniProt Gene Name	APH1A
UniProt Synonym Gene Names	PSF; APH-1a
UniProt Entry Name	APH1A_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/aph1-antibody-western-blot-elisa/39541>