

Rabbit APH1 Polyclonal Antibody | anti-APH1 antibody

APH1 Antibody

CATALOG # AAA306201	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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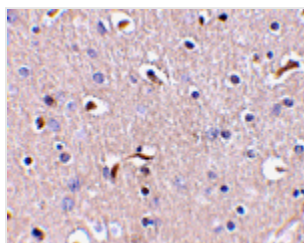
PRODUCT SYNONYMS

APH1; Polyclonal Antibody; APH1 Antibody; Anterior pharynx defective 1; presenilin stabilization factor; anti-APH1 antibody

PRODUCT SPECIFICATIONS

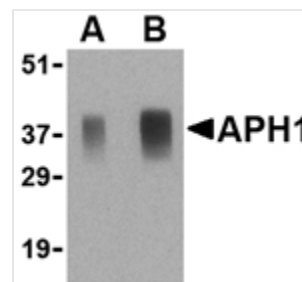
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	247
Applicable Applications for anti-APH1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 18 amino acid peptide from near the center of human APH1.
Target Name	APH1
Preparation and Storage	Can be stored at -20 degree C, stable for 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



IHC (Immunohistochemistry)

Immunohistochemistry of APH1 in human brain tissue with APH1 antibody at 5 ug/mL.



WB (Western Blot)

Western blot analysis of APH1 in human brain tissue lysate with APH1 antibody at (A) 0.5 and (B) 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-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.
Product Categories/Family for anti-APH1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	14250557
NCBI GeneID	51107
Molecular Weight	20,977 Da
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
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-immunohistochemistry-western-blot-elisa/306201>