

Rabbit APH1 Polyclonal Antibody | anti-APH1A antibody

APH1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39737	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

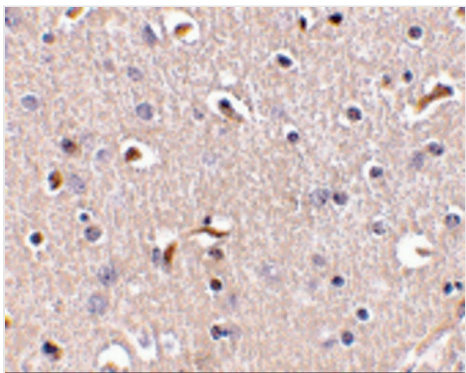
PRODUCT SYNONYMS

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

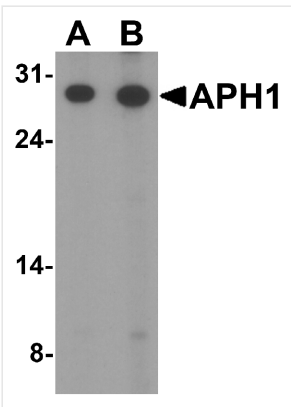
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	APH1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	247
Applicable Applications for anti-APH1A antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	APH1 antibody was raised against a 18 amino acid synthetic peptide from near the center of human APH1.
Buffer	APH1 Antibody is supplied in PBS containing 0.02% sodium azide.
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



IHC (Immunohistochemistry)
Immunohistochemistry of APOE in human brain tissue with APOE antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of APOE in RAW264.7 cell lysate with APOE antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-APOE antibody

APOE Antibody: APOE was initially identified as a component of the Notch pathway in *C. elegans*. Along with nicastrin, PEN2, and presenilin-1 APOE 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. APOE exists in at least three distinct isoforms with APOE1a 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14250557
NCBI GeneID	51107
UniProt Accession #	Q96BI3; Q5TB22; Q5TB23; Q969R6; Q9BVG0; Q9Y386; B4DQK0
Molecular Weight	20,977 Da
NCBI Official Full Name	Anterior pharynx defective 1 homolog A (<i>C. elegans</i>)
NCBI Official Synonym Full Names	APOE1A gamma secretase subunit
NCBI Official Symbol	APOE1A
NCBI Official Synonym Symbols	APOE-1; APOE-1A; CGI-78; 6530402N02Rik
NCBI Protein Information	gamma-secretase subunit APOE-1A; aph-1alpha; presenilin-stabilization factor; anterior pharynx defective 1 homolog A
UniProt Protein Name	Gamma-secretase subunit APOE-1A
UniProt Gene Name	APOE1A
UniProt Synonym Gene Names	PSF; APOE-1a
UniProt Entry Name	APOE1A_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.