

Rabbit APH1 Polyclonal Antibody | anti-APH1A antibody

APH1 Antibody (N-term)

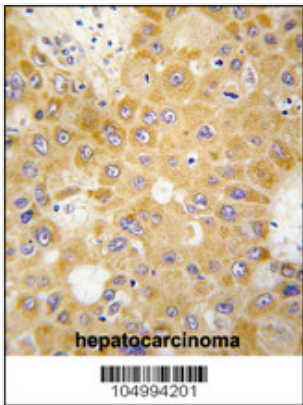
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284484	Rabbit	Human (Predicted Reactivity: Mouse)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

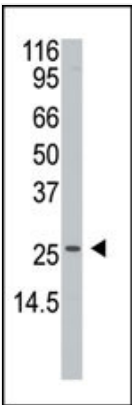
APH1; Polyclonal Antibody; APH1 Antibody (N-term); Gamma-secretase subunit APH-1A; APH-1a; Aph-1alpha; Presenilin-stabilization factor; APH1A; PSF; anti-APH1A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This APH1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 77-109 amino acids from the N-terminal region of human APH1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	77-109
Sequence Length	195
Applicable Applications for anti-APH1A 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.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with APH1 antibody (N-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 anti-APH1 Antibody (N-term) in A2058 cell line lysates (35ug/lane). APH1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-APH1A antibody	APH1 is an essential subunit of the gamma-secretase complex, an endoprotease complex that catalyzes the intramembrane cleavage of integral proteins such as Notch receptors and APP (beta-amyloid precursor protein). The gamma-secretase complex is minimally composed of a presenilin homodimer (PSEN1 or PSEN2), nicastrin (NCSTN), APH1 (APH1A or APH1B) and PEN2, although other components may exist. APH1 probably represents a stabilizing cofactor for the presenilin homodimer that promotes the formation of a stable complex.
Product Categories/Family for anti-APH1A antibody	Neuroscience; Signal Transduction
References	Ota, T., et al., Nat. Genet. 36(1):40-45 (2004). Clark, H.F., et al., Genome Res. 13(10):2265-2270 (2003). Marlow, L., et al., Biochem. Biophys. Res. Commun. 305(3):502-509 (2003). Kimberly, W.T., et al., Proc. Natl. Acad. Sci. U.S.A. 100(11):6382-6387 (2003). Edbauer, D., et al., Nat. Cell Biol. 5(5):486-488 (2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	117606362
NCBI GeneID	51107
NCBI Accession #	NP_001071096.1 ; NP_001230700.1 ; NP_001230701.1 ; NP_057106.2
NCBI GenBank Nucleotide #	NM_001077628.2
UniProt Accession #	Q96BI3 ; Q5TB22 ; Q5TB23 ; Q969R6 ; Q9BVG0 ; Q9Y386 ; B4DQK0
Molecular Weight	28996
NCBI Official Full Name	gamma-secretase subunit APH-1A isoform 1
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/284484>