

Datasheet for ABIN390272
anti-APH1A antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	APH1A
Binding Specificity:	AA 77-109, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APH1A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	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.
Clone:	RB4994
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	APH1A
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Target Details

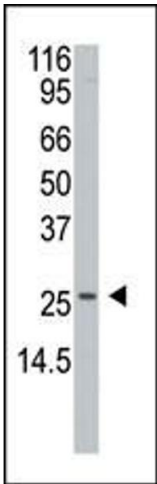
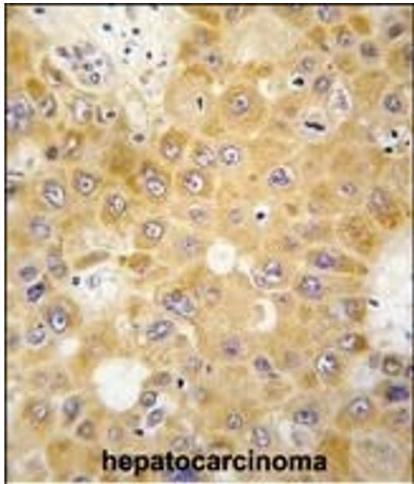
Alternative Name:	APH1 (APH1A Products)
Background:	APH1 is an essential subunit of the gamma-secretase complex, an endoprotease complex that catalyzes the intramembrane cleavage of integral proteins such as Notch receptors and APP (beta-amyloid precursor protein). The gamma-secretase complex is minimally 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.
Molecular Weight:	28996
Gene ID:	51107
NCBI Accession:	NP_001071096 , NP_001230700 , NP_001230701 , NP_057106
UniProt:	Q96BI3
Pathways:	Notch Signaling , Neurotrophin Signaling Pathway

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with H1 antibody (N-term) 6302a , 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.

Western Blotting

Image 2. Western blot analysis of anti-H1 Antibody (N-term) 6302a in cell line lysates (35 µg/lane). H1 (arrow) was detected using the purified Pab.