APH1A Rabbit Polyclonal Antibody

CAB14666

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

29kDa

Calculated MW:

20kDa/26kDa/28kDa

Applications:

WB IF

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IF 1:50 - 1:100

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein Background

This gene encodes a component of the gamma secretase complex that cleaves integral membrane proteins such as Notch receptors and beta-amyloid precursor protein. The gamma secretase complex contains this gene product, or the paralogous anterior pharynx defective 1 homolog B (APH1B), along with the presenilin, nicastrin, and presenilin enhancer-2 proteins. The precise function of this seven-transmembrane-domain protein is unknown though it is suspected of facilitating the association of nicastrin and presenilin in the gamma secretase complex as well as interacting with substrates of the gamma secretase complex prior to their proteolytic processing. Polymorphisms in a promoter region of this gene have been associated with an increased risk for developing sporadic Alzheimer's disease. Alternative splicing results in multiple protein-coding and non-protein-coding transcript variants.

Immunogen information

Gene ID:
51107

Uniprot
Q96BI3

Synonyms:
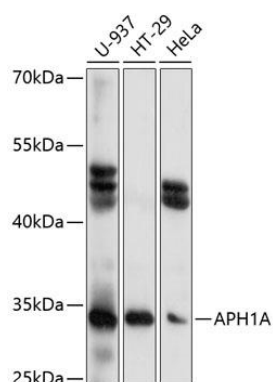APH1A; 6530402N02Rik; APH-1; APH-1A; CGI-78

Immunogen:
A synthetic peptide corresponding to a sequence within amino acids 200 to the C-terminus of human APH1A (NP_001071096.1).
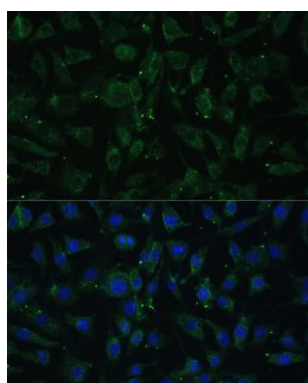
Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images

Western blot analysis of extracts of various cell lines, using APH1A antibody (CAB14666) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.

Immunofluorescence analysis of L929 cells using APH1A Polyclonal Antibody (CAB14666) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.