

APP Rabbit pAb

Catalog No.: A11019 **4 Publications**

Basic Information

Observed MW

100-140kDa

Calculated MW

87kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a cell surface receptor and transmembrane precursor protein that is cleaved by secretases to form a number of peptides. Some of these peptides are secreted and can bind to the acetyltransferase complex APBB1/TIP60 to promote transcriptional activation, while others form the protein basis of the amyloid plaques found in the brains of patients with Alzheimer disease. In addition, two of the peptides are antimicrobial peptides, having been shown to have bacteriocidal and antifungal activities. Mutations in this gene have been implicated in autosomal dominant Alzheimer disease and cerebroarterial amyloidosis (cerebral amyloid angiopathy). Multiple transcript variants encoding several different isoforms have been found for this gene.

Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

351

Swiss Prot

P05067

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human APP (NP_000475.1).

Synonyms

AAA; AD1; PN2; ABPP; APPI; CVAP; ABETA; PN-II; preA4; CTFgamma; alpha-sAPP; APP

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

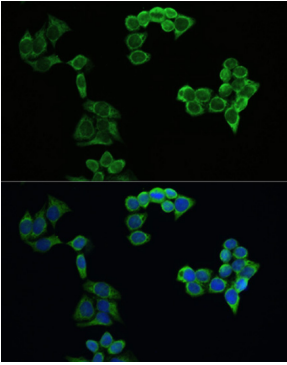
Affinity purification

Storage

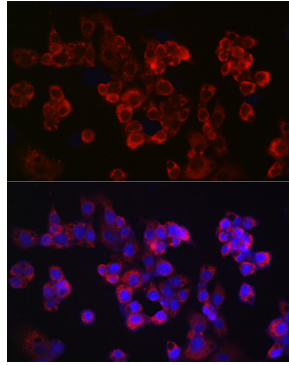
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

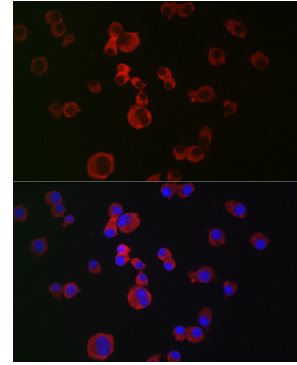
Validation Data



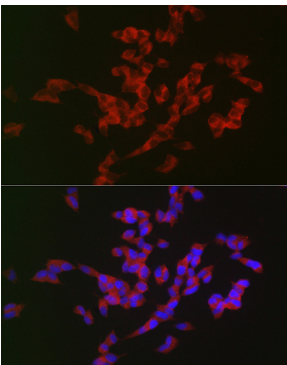
Immunofluorescence analysis of HeLa cells using APP antibody (A11019) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HepG2 cells using APP Rabbit pAb (A11019) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Neuro-2a cells using APP Rabbit pAb (A11019) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of SH-SY5Y cells using APP Rabbit pAb (A11019) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.