APP Rabbit Polyclonal Antibody

CAB16265

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

110kDa

Calculated MW:

34kDa/72-86kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein 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.

Immunogen information

Gene ID:
351

Uniprot
P05067

Synonyms:
AAA; ABETA; ABPP; AD1; APPI; CTFgamma; CVAP; PN-II; PN2;
Amyloid beta A4; APP; ABeta42; preA4

Immunogen:
A synthetic peptide of human ABeta42.

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Western blot analysis of extracts of various cell lines, using APP antibody (CAB16265) 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: 30s.

Immunohistochemistry of paraffin-embedded rat brain using APP antibody (CAB16265) at dilution of 1:200 (40x lens).

Immunohistochemistry of paraffin-embedded human colon using APP antibody (CAB16265) at dilution of 1:200 (40x lens).

Immunohistochemistry of paraffin-embedded human colon carcinoma using APP antibody (CAB16265) at dilution of 1:200 (40x lens).