

APP Rabbit Polyclonal Antibody



CAB11019

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

110kDa

Calculated MW:

34kDa/72-86kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

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

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Synonyms:

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

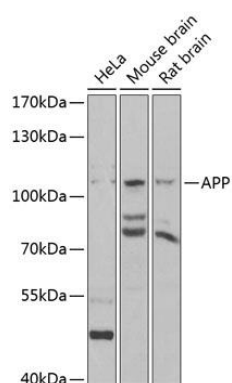
Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 190-290 of human APP (NP_000475.1).

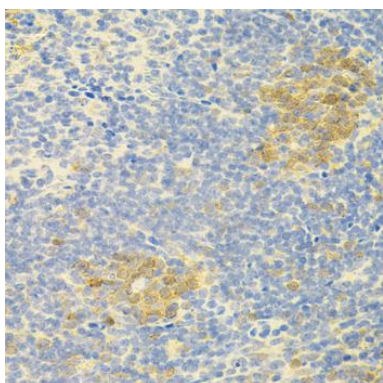
Storage:

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

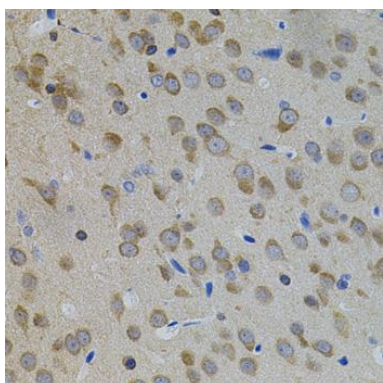
Product Images



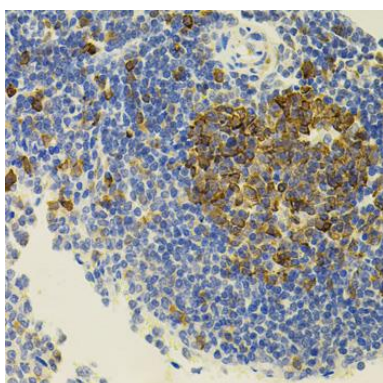
Western blot analysis of extracts of various cell lines, using APP antibody (CAB11019) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded mouse spleen using APP Antibody (CAB11019) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat brain using APP Antibody (CAB11019) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat spleen using APP Antibody (CAB11019) at dilution of 1:100 (40x lens).