

Phospho-APP-T668 Rabbit Polyclonal Antibody



CABP0006

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

87kDa, 120kDa

Calculated MW:

34kDa/72-86kDa

Applications:

WB

Reactivity:

Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000

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

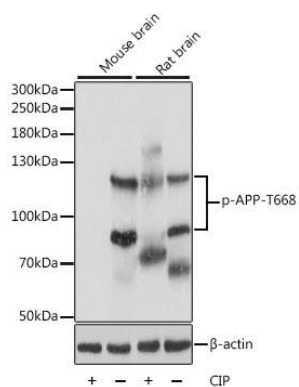
Immunogen:

A phospho specific peptide corresponding to residues surrounding T668 of human APP

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 Phospho-APP-T668 antibody (CABP0006) at 1:1000 dilution. Mouse brain lysate were treated by CIP (20ul CIP for each 400ul cell lysate) at 37°C for 1 hour. Rat brain lysate were treated by CIP (20ul CIP for each 400ul cell lysate) at 37°C for 1 hour. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.