

APP Rabbit pAb

Catalog No.: A0206

Basic Information

Catalog No.

A0206

Observed MW

110kDa

Calculated MW

34kDa/72-86kDa

Category

Primary antibody

Applications

WB, IHC

Cross-Reactivity

Human

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:200

Contact

 | www.abclonal.com

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	Swiss Prot
351	P05067

Immunogen

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

Synonyms

AAA;ABETA;ABPP;AD1;APPI;CTFgamma;CVAP;PN-II;PN2;Amyloid beta A4;APP;Aβ42;preA4

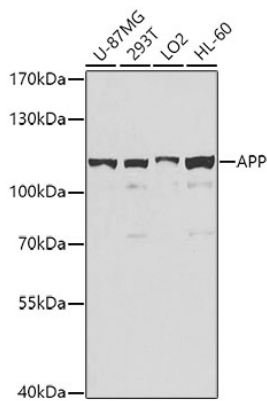
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

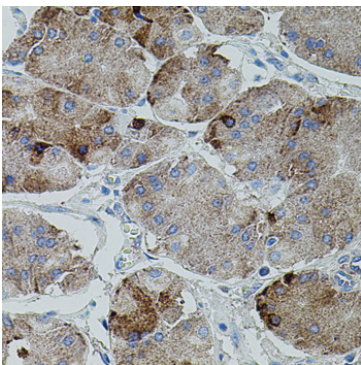
Storage

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

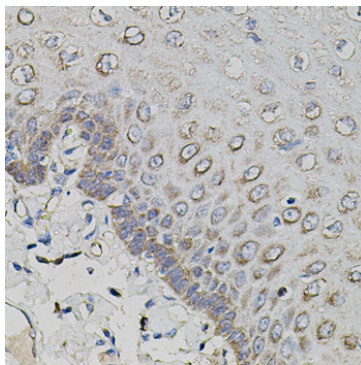
Validation Data



Western blot analysis of extracts of various cell lines, using APP antibody (A0206) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Immunohistochemistry of paraffin-embedded human stomach using APP antibody (A0206) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human esophagus using APP antibody (A0206) at dilution of 1:100 (40x lens).