

APP antibody

Catalog No: #38604

Package Size: #38604-1 50ul #38604-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

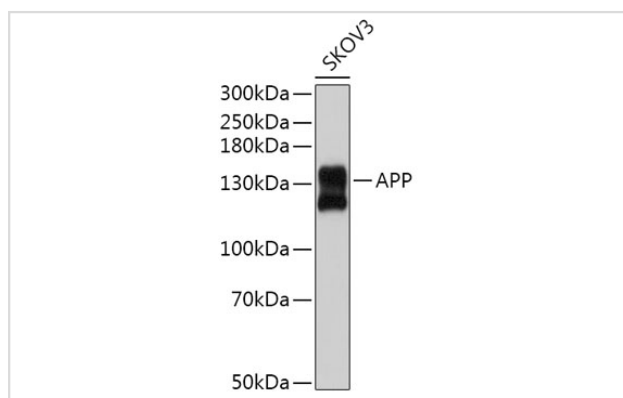
Description

Product Name	APP antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB;IHC;IF;IP;ELSIA
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of total APP protein.
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human APP.
Conjugates	Unconjugated
Target Name	APP
Other Names	AAA;AD1;PN2;ABPP;APPI;CVAP;ABETA;PN-II;
Accession No.	Swiss-Prot#: P05067NCBI Gene ID: 351
Calculated MW	87kDa
SDS-PAGE MW	100-140kDa
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB 1:2000-1:10000; IHC 1:200-1:1000; IF 1:200-1:1000; ELISA 1:5000-1:20000; IP 1:50-1:200;

Images



Western blot analysis of extracts of SKOV3 cells, using APP antibody at 1:1000 dilution.

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. 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.

Published Papers

el at., Study of mitophagy and ATP-related metabolomics based on β -amyloid levels in Alzheimer's disease. In Exp Cell Res on 2020 Nov 1 by Xiaomin Xiong, Shijie Li, et al..PMID: 32905804, , (2020)

[PMID:32905804](#)

el at., Oral Treponema denticola Infection Induces A ϵ [~]Y11 20 and A ϵ [~]Y11 22 Accumulation in the Hippocampus of C57BL/6 Mice. In J Mol Neurosci on 2021 Jul by Xinyi Su 1, Zhiqun Tang, et al..PMID: 33763842, , (2021)

[PMID:33763842](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.