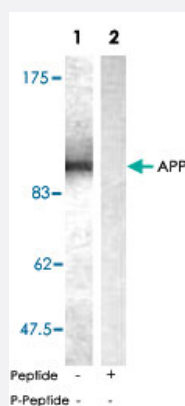


APP polyclonal antibody

Catalog # PAB26754 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of extracts from mouse brain tissue using APP polyclonal antibody (Cat # PAB26754).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of APP.
Immunogen	A synthetic peptide corresponding to residues surrounding T668 of human APP.
Sequence	A-V-Tp-P-E
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of extracts from mouse brain tissue using APP polyclonal antibody (Cat # PAB26754).

Gene Info — APP

Entrez GeneID[351](#)**Protein Accession#**[P05067](#)**Gene Name**

APP

Gene Alias

AAA, ABETA, ABPP, AD1, APPI, CTFgamma, CVAP, PN2

Gene Description

amyloid beta (A4) precursor protein

Omim ID[104760 605714](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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 cerebral arteriole amyloidosis (cerebral amyloid angiopathy). Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

A4 amyloid protein|amyloid beta A4 protein|amyloid-beta protein|beta-amyloid peptide|cerebral vasculature amyloid peptide|peptidase nexin-II|protease nexin-II

Disease

- [Alzheimer disease](#)
- [Amyloidosis](#)

- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Cerebral Hemorrhage](#)
- [Cerebrovascular Disorders](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Dementia](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Down Syndrome](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Headache](#)
- [Macular Degeneration](#)
- [Mental Status Schedule](#)
- [Neuropsychological Tests](#)
- [Psychiatric Status Rating Scales](#)
- [Recurrence](#)
- [Tobacco Use Disorder](#)
- [Tourette Syndrome](#)