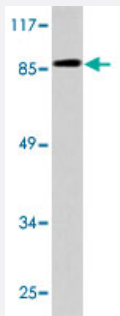


APP polyclonal antibody

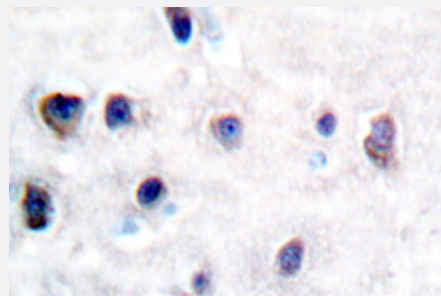
Catalog # PAB27018 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of APP polyclonal antibody (Cat # PAB27018) in extracts from K-562 cells.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of APP polyclonal antibody (Cat # PAB27018) in paraffin-embedded human brain tissue.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of APP.
Immunogen	A synthetic peptide corresponding to human APP.
Host	Rabbit
Theoretical MW (kDa)	117
Reactivity	Human, Mouse, Rat
Specificity	APP polyclonal antibody detects endogenous levels of APP protein.
Form	Liquid

Purification	Antigen affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage 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 (Cell lysate)

Western blot analysis of APP polyclonal antibody (Cat # PAB27018) in extracts from K-562 cells.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of APP polyclonal antibody (Cat # PAB27018) in paraffin-embedded human brain tissue.

- Immunofluorescence

- Enzyme-linked Immunoabsorbent Assay

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](#)