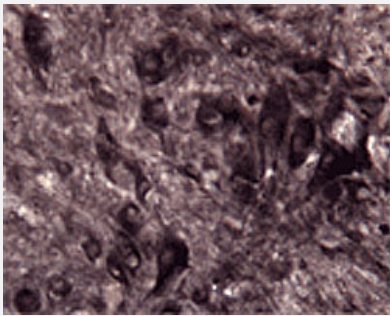


APP polyclonal antibody

Catalog # PAB0696 Size 100 uL

Applications



Immunohistochemistry

IHC on rat spinal cord (free floating cryo section) using rabbit APP polyclonal antibody (Cat # PAB0696) at a dilution of 1 : 1000.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of APP.
Immunogen	A mixture of synthetic peptides (conjugated with KLH) corresponding to amino acids 145-157, 388-405, 724-737 of human APP.
Sequence	ETHLHWHTVAKET
Host	Rabbit
Reactivity	Human, Rat
Form	Lyophilized
Recommend Usage	Immunohistochemistry (1:500-1:3000) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS
Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry

IHC on rat spinal cord (free floating cryo section) using rabbit APP polyclonal antibody (Cat # PAB0696) at a dilution of 1 : 1000.

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](#)