

DNAxPAb

Hard-to-Find
Antibody

APP DNAxPab

Catalog # H00000351-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human APP DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MLPGLALLLLAAWTARALEVPTDGNAGLLAEPQIAMFCGRLNMHMNVQNGKWSDPSGKTCID TKEGILQYCQEVYPELQITNVVEANQPVTIQNWCKRGRKQCKTHPHFVIPYRCLVGEFVSDALLVP DKCKFLHQERMDVCETHLHWHTVAKETCSEKSTNLHDYGMLLPCGIDKFRGVEFVCCPLAEEES DNVDSADAEEDDSVWVGADTDYADGSEDKVVEVAEEEEVAEEEEEAADDEDDEDGDE VEEEAEEPYEEATERTTSIATTTTTTTESVEEVVREVCSEAETGPCRAMISRWFVDVTEGKCAP FFYGGCGGNRNNFDTEEYCMVCGSAMSQSLLKTTQEPLARDPVKLPTTAASTPDAVDKYLETP GDENEHAHFQKAKERLEAKHRERMSQVMREWEEAERQAKNLPKADKKAVIQHFQEKVESLEQ EAANERQQLVETHMARVEAMLNDRRLALENYTALQAVPPRPRHVFNMLKKYVRAEQKDRQHT LKHFEHVRMVDPKKAAQRSQVMTHLRVIYERMNQSLSLLYNPAVAEEIQDEVDELLQKEQNYS DDVLANMISEPRISYGNDALMPSLTETKTTVELLPVNGEFSLLDLQPWHSFGADSVPAANTENEVE PVDARPAADRGLTTRPGSGLTNIKTEEISEVKMDAEFRHDSGYEVHHQKLFFAEDVGSNKGAIIIG LMVGGVVIATVIVITLVMLKKKQYTSIHGVEVDAAVTPEERHLSKMQQNGYENPTYKFFEQMQN
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — APP

Entrez GeneID [351](#)

GeneBank Accession# [NM_000484.2](#)

Protein Accession# [NP_000475.1](#)

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-III|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](#)
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