DNAxPAb | Hard-to-Find Antibody

PSEN1 DNAxPab

Catalog # H00005663-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PSEN1 DNA using DNAx™ Immune te chnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MTELPAPLSYFQNAQMSEDNHLSNTNDNRERQEHNDRRSLGHPEPLSNGRPQGNSRQVVEQD EEEDEELTLKYGAKHVIMLFVPVTLCMVVVVATIKSVSFYTRKDGQLIYTPFTEDTETVGQRALHSIL NAAIMISVIVVMTILLVVLYKYRCYKVIHAWLIISSLLLLFFFSFIYLGEVFKTYNVAVDYITVALLIWNFG VVGMISIHWKGPLRLQQAYLIMISALMALVFIKYLPEWTAWLILAVISVYDLVAVLCPKGPLRMLVET AQERNETLFPALIYSSTMVWLVNMAEGDPEAQRRVSKNSKYNAESTERESQDTVAENDDGGFS EEWEAQRDSHLGPHRSTPESRAAVQELSSSILAGEDPEERGVKLGLGDFIFYSVLVGKASATAS GDWNTTIACFVAILIGLCLTLLLLAIFKKALPALPISITFGLVFYFATDYLVQPFMDQLAFHQFYI
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 — PSEN1

Entrez GeneID	5663
GeneBank Accession#	BC011729.2
Protein Accession#	AAH11729.1
Gene Name	PSEN1
Gene Alias	AD3, FAD, PS1, S182
Gene Description	presenilin 1
Omim ID	104311 172700 600274 607822
Gene Ontology	Hyperlink
Gene Summary	Alzheimer's disease (AD) patients with an inherited form of the disease carry mutations in the pre senilin proteins (PSEN1; PSEN2) or in the amyloid precursor protein (APP). These disease-linke d mutations result in increased production of the longer form of amyloid-beta (main component of amyloid deposits found in AD brains). Presenilins are postulated to regulate APP processing thro ugh their effects on gamma-secretase, an enzyme that cleaves APP. Also, it is thought that the pr esenilins are involved in the cleavage of the Notch receptor, such that they either directly regulate gamma-secretase activity or themselves are protease enzymes. Several alternatively spliced tran script variants encoding different isoforms have been identified for this gene, the full-length nature of only some have been determined. [provided by RefSeq
Other Designations	-

Pathway

- Neurotrophin signaling pathway
- Notch signaling pathway
- Wnt signaling pathway

Disease

- Alzheimer disease

- Amyotrophic lateral sclerosis
- Anomia
- Cardiovascular Diseases
- Chromosome Disorders
- Cognition
- Cognition Disorders
- Dementia
- Depressive Disorder
- Diabetes Complications
- Disease Progression
- Down Syndrome
- Genetic Predisposition to Disease
- Headache
- Lewy Body Disease
- Macular Degeneration
- Memory Disorders
- Mental Status Schedule
- Metabolic Syndrome X
- Narcolepsy
- Neoplasms
- Neurodegenerative Diseases
- Neuropsychological Tests
- Osteoporosis
- Parkinson disease
- Psychiatric Status Rating Scales

- Recurrence
- Schizophrenia
- Tobacco Use Disorder
- Tourette Syndrome