

DNAxPAb

Hard-to-Find
Antibody

PSEN2 DNAxPab

Catalog # H00005664-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PSEN2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MLTFMASDSEEEVCDERTSLMSAESPTPRSCQEGRQGPEDGENTAQWRSQENEEEDGEEDPD RYVCSGVPGRPPGLEEELTKYGAKHVIMLFVPVTLCMVVVATIKSVRFYTEKNGQLIYTPFTEDTP SVGQRLNLSVLNTLIMISVIVMTIFLVVLYKYRCYKFIHGWLMSSLMLLFLFTYYLGEVLKTYNVAM DYPTLLLTVWNFGAVGMVCIHWKGPLVLQQAYLIMISALMALVFIKYLPEWSAWVILGAISVYDLVA VLCPKGPLRMLVETAQERNEPIFPALYSSAMVWTVGMAKLDPSSQGALQLPYDPMEEDSYDS FGEPSYPEVFEPPLTGYPGEELEEEERGVKLGLGDFIFYSVLVGKAAATGSGDWNTTLACFVAI LIGLCLTLLLAVFKKALPALPISITFGLIFYFSTDNLVRPFMDTLASHQLYI
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 — PSEN2

Entrez GeneID [5664](#)

GeneBank Accession# [BC006365.1](#)

Protein Accession# [AAH06365.1](#)

Gene Name PSEN2

Gene Alias AD3L, AD4, PS2, STM2

Gene Description presenilin 2 (Alzheimer disease 4)

Omim ID [600759](#) [606889](#)

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 or PSEN2) or the amyloid precursor protein (APP). These disease-linked 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 through 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 act are protease enzymes. Two alternatively spliced transcript variants encoding different isoforms of PSEN2 have been identified. [provided by RefSeq

Other Designations Alzheimer's disease 3-like|OTTHUMP00000035671|presenilin 2

Pathway

- [Notch signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Amnesia](#)
- [Cardiovascular Diseases](#)

- [Cognition Disorders](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Macular Degeneration](#)
- [Metabolic Syndrome X](#)
- [Narcolepsy](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Osteoporosis](#)
- [Tourette Syndrome](#)