

DNAxPAb

Hard-to-Find
Antibody

PSENEN DNAxPab

Catalog # H00055851-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PSENEN DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MNLERSVNEEKLNLCRKYYLGGFALPFLWLNVNIFWFFREAFLLVPAYTEQSQIKGYVWRSavgflFWVVLTSWITIFQYRPRWGALGDYLSFTIPLGTP
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 — PSENEN

Entrez GeneID [55851](#)

GeneBank Accession# [NM_172341.1](#)

Protein Accession# [NP_758844.1](#)

Gene Name PSENEN

Gene Alias MDS033, MSTP064, PEN-2, PEN2

Gene Description presenilin enhancer 2 homolog (C. elegans)

Omim ID [607632](#)

Gene Ontology [Hyperlink](#)

Gene Summary Presenilins, which are components of the gamma-secretase protein complex, are required for intramembranous processing of some type I transmembrane proteins, such as the Notch proteins and the beta-amyloid precursor protein. Signaling by Notch receptors mediates a wide range of developmental cell fates. Processing of the beta-amyloid precursor protein generates neurotoxic amyloid beta peptides, the major component of senile plaques associated with Alzheimer's disease. This gene encodes a protein that is required for Notch pathway signaling, and for the activity and accumulation of gamma-secretase. [provided by RefSeq]

Other Designations hematopoietic stem/progenitor cells protein MDS033|presenilin enhancer 2

Pathway

- [Notch signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)

- [Neoplasms](#)
- [Osteoporosis](#)