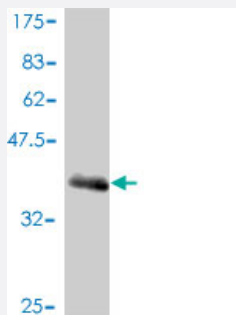


PSEN1 polyclonal antibody (A01)

Catalog # H00005663-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant PSEN1.
Immunogen	PSEN1 (AAH11729, 280 a.a. ~ 379 a.a) partial recombinant protein with GST tag.
Sequence	PALYSSTMVWLVNMAEGDPEAQRRVSKNSKYNAESTERESQDTVAENDDGGFSEEWEAQRD SHLGPHRSTPESRAAVQELSSSILAGEDPEERGVLGL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Rat (85)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PSEN1

Entrez GeneID [5663](#)

GeneBank Accession# [BC011729](#)

Protein Accession# [AAH11729](#)

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 presenilin proteins (PSEN1; PSEN2) or in 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 presenilins 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 transcript 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](#)