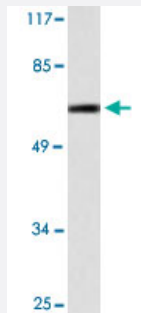


PSEN1 polyclonal antibody

Catalog # PAB24781

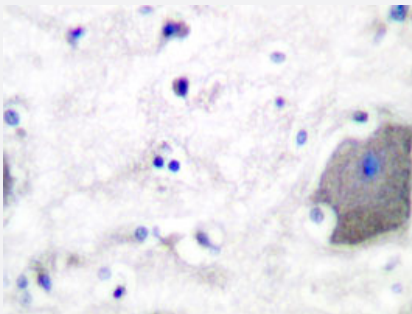
Size 100 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of mouse heart tissue lysate with PSEN1 polyclonal antibody (Cat # PAB24781).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human brain tissue using PSEN1 polyclonal antibody (Cat # PAB24781).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PSEN1.
Immunogen	A synthetic peptide corresponding to PSEN1.
Host	Rabbit
Theoretical MW (kDa)	60
Reactivity	Human
Specificity	PSEN1 polyclonal antibody detects endogenous levels of PSEN1 protein.
Form	Liquid

Purification	Antigen affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of mouse heart tissue lysate with PSEN1 polyclonal antibody (Cat # PAB24781).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human brain tissue using PSEN1 polyclonal antibody (Cat # PAB24781).

Gene Info — PSEN1

Entrez GeneID	5663
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](#)