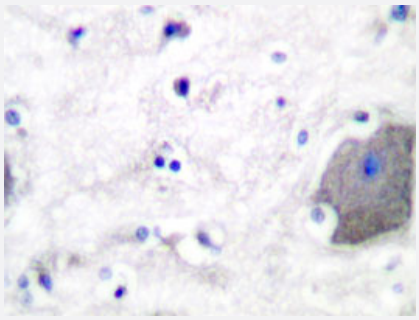
PSEN1 polyclonal antibody

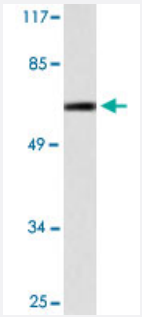
Catalog # PAB24781 Size 100 uL

Applications



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

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



Western Blot (Tissue lysate)

Western blot analysis of mouse heart tissue lysate with 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

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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 shoul d be handled by trained staff only.

Applications

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

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

- Western Blot (Tissue lysate)

  Western blot analysis of mouse heart tissue lysate with 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

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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

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- 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

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