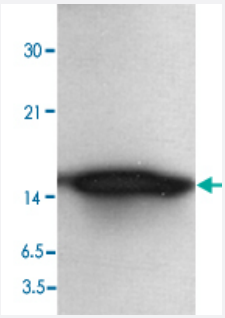
PSENEN polyclonal antibody

Catalog # PAB0141 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis in rat brain homogenate (15 ug). Overnight incubation PVDF membrane with PSENEN polyclonal antibody (Cat # PAB0141) (15 ug/mL) in PBS containing 1% PBS. Horesradish peroxidase-conjugated anti-rabbit (0.5 ug/mL ; GE-Biosciences) was used for detection.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide conjugated to KLH.
Immunogen	A synthetic peptide (conjugated to KLH) corresponding to N-terminus 11 amino acids of human PSENEN.
Host	Rabbit
Reactivity	Hamster, Human, Mouse
Form	Lyophilized
Recommend Usage	Western Blot (5-10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from purified antibody
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with sterile water, store at -20°C. Aliquot to avoid repeated freezing and thawing.

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Gene Info — PSENEN

Entrez GeneID	55851
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 intr amembranous processing of some type I transmembrane proteins, such as the Notch proteins an d the beta-amyloid precursor protein. Signaling by Notch receptors mediates a wide range of dev elopmental cell fates. Processing of the beta-amyloid precursor protein generates neurotoxic amy loid 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

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- Diabetes Complications
- Genetic Predisposition to Disease
- Metabolic Syndrome X
- Neoplasms
- Osteoporosis

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