

PSENEN Polyclonal Antibody

Catalog No: #29877



Package Size: #29877-1 50ul #29877-2 100ul

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Description

Product Name	PSENEN Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human
Immunogen Description	A synthetic synthetic peptide of human PSENEN (NP_758844.1).
Other Names	PSENEN; MDS033; MSTP064; PEN-2; PEN2; gamma-secretase subunit PEN-2
Accession No.	Swiss-Prot#:Q9NZ42NCBI Gene ID:55851
Uniprot	Q9NZ42
GeneID	55851;
Calculated MW	Refer to figures
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

Application Details

WB□1:500 - 1:2000

Background

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. Mutations resulting in haploinsufficiency for this gene cause familial acne inversa-2 (ACNINV2). Alternative splicing results in multiple transcript variants.

Note: This product is for in vitro research use only