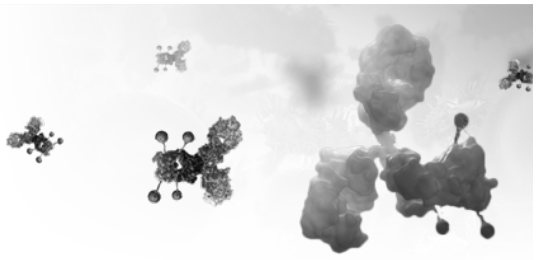

Anti-PSENEN (full length) polyclonal antibody (DPAB-DC2451)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 Alzheimers 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.
Immunogen	PSENEN (AAH09575, 1 a.a. ~ 101 a.a) full-length recombinant protein with GST tag. The sequence is MNLERVSNEEKLNLCRKYYLGGFAFLPFLWLVNIFWFFREAFLVPAYTEQSQIKGYVWRS AVGFLFWVIVLTSWITIFQIYRPRWGALGDYLSFTIPLGTP
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	PSENEN presenilin enhancer gamma secretase subunit [Homo sapiens (human)]
Official Symbol	PSENEN
Synonyms	PSENEN; presenilin enhancer gamma secretase subunit; PEN2; PEN-2; MDS033; MSTP064; gamma-secretase subunit PEN-2; presenilin enhancer 2 homolog; hematopoietic stem/progenitor cells protein MDS033;
Entrez Gene ID	55851
Protein Refseq	NP_001268461
UniProt ID	Q9NZ42
Chromosome Location	19q13.12
Pathway	Activated NOTCH1 Transmits Signal to the Nucleus; Alzheimers disease; Cell death signalling via NRAGE, NRIF and NADE; Constitutive Signaling by NOTCH1 PEST Domain Mutants
Function	protein binding;

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