



Anti-PSEN2 (aa 319-334) polyclonal antibody (DPABH-23467)

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

PRODUCT INFORMATION

Antigen Description	Probable catalytic subunit of the gamma-secretase complex, an endoprotease complex that catalyzes the intramembrane cleavage of integral membrane proteins such as Notch receptors and APP (beta-amyloid precursor protein). Requires the other members of the gamma-secretase complex to have a protease activity. May play a role in intracellular signaling and gene expression or in linking chromatin to the nuclear membrane. May function in the cytoplasmic partitioning of proteins.
Specificity	DPABH-23467 does not cross react with other proteins.
Immunogen	Synthetic peptide: YDPEMEEDSYDSFGEP, corresponding to internal sequence amino acids 319-334 of Human Presenilin 2
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P, IHC-Fr
Format	Liquid
Size	100 µg
Buffer	Constituents: 5mg BSA, 0.9mg Sodium chloride, 0.2mg Dibasic monohydrogen sodium phosphate

Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	PSEN2 presenilin 3 [Homo sapiens]
Official Symbol	PSEN2
Synonyms	PSEN2; presenilin 2; AD4; PS2; AD3L; STM2; CMD1V; presenilin-2; AD5; E5-1; PS-2; AD3LP; STM-2; Alzheimer disease 4;
Entrez Gene ID	5664
Protein Refseq	NP_000438.2
UniProt ID	P49810
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	aspartic-type endopeptidase activity; endopeptidase activity; protein binding;