

Rabbit Presenilin 2 Polyclonal Antibody | anti-PSEN2 antibody

Presenilin 2 (phospho Ser330) Polyclonal Antibody

CATALOG # AAA294127	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Presenilin 2; Polyclonal Antibody; Presenilin 2 (phospho Ser330) Polyclonal Antibody; PSEN2; AD4; PS2; PSNL2; STM2; Presenilin-2; PS-2; AD3LP; AD5; E5-1; STM-2; anti-PSEN2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-PSEN2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



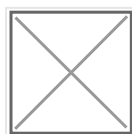
IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000.
Not yet tested in other applications.



IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000.
Not yet tested in other applications.



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000.
Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-PSEN2 antibody

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 (amyloid-beta 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. The holoprotein functions as a calcium-leak channel that allows the passive movement of calcium from endoplasmic reticulum to cytosol and is involved in calcium homeostasis (PubMed:16959576). Is a regulator of mitochondrion- endoplasmic reticulum membrane tethering and modulates calcium ions shuttling between ER and mitochondria (PubMed:21285369).

NCBI AND UNIPROT INFORMATION

NCBI GI #	156105681
NCBI GeneID	5664
NCBI Accession #	NP_036618.2
NCBI GenBank Nucleotide #	NM_012486.2
UniProt Accession #	P49810; Q96P32; A8K8D4; B1AP21
Molecular Weight	50,140 Da
NCBI Official Full Name	presenilin-2 isoform 2
NCBI Official Synonym Full Names	presenilin 2 (Alzheimer disease 4)
NCBI Official Symbol	PSEN2
NCBI Official Synonym Symbols	AD4; PS2; AD3L; STM2; CMD1V
NCBI Protein Information	presenilin-2; AD5; E5-1; PS-2; AD3LP; STM-2
UniProt Protein Name	Presenilin-2
UniProt Gene Name	PSEN2
UniProt Synonym Gene Names	AD4; PS2; PSNL2; STM2; PS-2
UniProt Entry Name	PSN2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/presenilin-2-antibody-immunohistochemistry-western-blot-elisa/294127>