

Rabbit anti-Human, Mouse Presenilin 1 Polyclonal Antibody | anti-PSEN1 antibody

Presenilin 1 Antibody

CATALOG # AAA302301	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Presenilin 1; Polyclonal Antibody; Presenilin 1 Antibody; AD3; AD3H; PS-1; PS1; PSN1; anti-PSEN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total presenilin 1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	467
Applicable Applications for anti-PSEN1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human presenilin 1.
Target Name	Presenilin 1
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human brain tissue using presenilin 1 antibody.



WB (Western Blot)

Western blot analysis of extracts from mouse heart cells, using presenilin 1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PSEN1 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 (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. Stimulates cell-cell adhesion though its association with the E-cadherin/catenin complex. Under conditions of apoptosis or calcium influx, cleaves E-cadherin promoting the disassembly of the E-cadherin/catenin complex and increasing the pool of cytoplasmic beta-catenin, thus negatively regulating Wnt signaling. May also play a role in hematopoiesis.Yanzhu Liu, J. Lipid Res., Dec 2004; 45: 2368 - 2376. I. Imafuku, J. Cell Biol., Oct 1999; 147: 121. Angeliki Louvi, Development, Jul 2004; 131: 3093 - 3105. Wim G. Annaert, J. Cell Biol., Oct 1999; 147: 277.
Product Categories/Family for anti-PSEN1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506163
NCBI GeneID	5663
NCBI Accession #	NP_000012.1
NCBI GenBank Nucleotide #	NM_000021.3
UniProt Accession #	P49768; O95465; Q14762; Q15719; Q15720; Q96P33; Q9UIF0; B2R6D3
Molecular Weight	48,997 Da
NCBI Official Full Name	presenilin-1 isoform I-467
NCBI Official Synonym Full Names	presenilin 1
NCBI Official Symbol	PSEN1
NCBI Official Synonym Symbols	AD3; FAD; PS1; PS-1; S182
NCBI Protein Information	presenilin-1
UniProt Protein Name	Presenilin-1
UniProt Gene Name	PSEN1
UniProt Synonym Gene Names	AD3; PS1; PSNL1; PS-1; PS1-CTF12
UniProt Entry Name	PSN1_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-1-antibody-immunohistochemistry-western-blot-elisa/302301>