

PSEN1 Antibody | anti-PSEN1 antibody

PSEN1 (Phospho-Ser357) Antibody

CATALOG # AAA109253	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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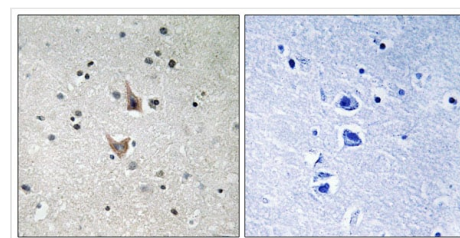
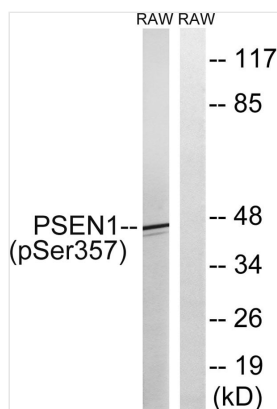
PRODUCT SYNONYMS

PSEN1; PSEN1 (Phospho-Ser357) Antibody; AD3; AD3H; EC 3.4.23.-; presenilin 1; PS-1; PS1; PSN1; PSNL1; S182 protein; anti-PSEN1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	PSEN1 (Phospho-Ser357) antibody detects endogenous levels of PSEN1 only when phosphorylated at serine 357.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	467
Applicable Applications for anti-PSEN1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PSEN1 around the phosphorylation site of serine 357 (P-E-SP-R-A).
All Sites	Human: Ser357 Mouse: Ser357 Rat: Ser358
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using PSEN1 (Phospho-Ser357) antibody. Western blot analysis of extracts from RAW264.7 cells, treated with UV (5mins), using PSEN1 (Phospho-Ser357) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PSEN1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Sherrington R., Nature 375:754-760(1995). Sahara N., FEBS Lett. 381:7-11(1996). Heilig R., Nature 421:601-607(2003).

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; ACNINV3
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

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/human-mouse-rat-antibody/psen1/109253>