



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58941_P050-FITC
Product Page	<a href="http://www.avivasysbio.com/psen1-antibody-middle-region-fitc-arp58941-p050-fitc.html">www.avivasysbio.com/psen1-antibody-middle-region-fitc-arp58941-p050-fitc.html</a>
Name	PSEN1 Antibody - middle region : FITC (ARP58941_P050-FITC)
Protein Size (# AA)	467 amino acids
Molecular Weight	53kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	5663
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Presenilin 1
Alias Symbols	AD3, FAD, PS1, PS-1, S182, ACNINV3
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">EGDPEAQRrvSKNSKYNAESTERESQDTVAENDDGGFSEWEAQRDSHLG</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	Alzheimer's disease (AD) patients with an inherited form of the disease carry mutations in the presenilin proteins (PSEN1; PSEN2) or in the amyloid precursor protein (APP). These disease-linked mutations result in increased production of the longer form of amyloid-beta (main component of amyloid deposits found in AD brains). Presenilins are postulated to regulate APP processing through their effects on gamma-secretase, an enzyme that cleaves APP. Also, it is thought that the presenilins are involved in the cleavage of the Notch receptor, such that they either directly regulate gamma-secretase activity or themselves are protease enzymes. Several alternatively spliced transcript variants encoding different isoforms have been identified for this gene, the full-length nature of only some have been determined.
Protein Interactions	UBC; TRAF6; TGFBR1; ERLIN2; PSMB1; PSMA5; ETFA; TDP2; PSEN2; PSEN1; APH1B; PSENE1; APH1A; NCSTN; ITSN2; PDCD4; KANK2; EPB41L3; CDC37; TUBA1B; AP1M2; UMPS; PRDX2; ST13; SCN1A; RHEB; RAD23A; RAB3A; OXCT1; NOS3; NDUFS8; HMGB1; GCDH; GAPDH; FGF13; ENSA; DTNA;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for <a href="#">anti-PSEN1 (ARP58941_P050-FITC) antibody</a>
Blocking Peptide	For anti-PSEN1 (ARP58941_P050-FITC) antibody is <a href="#">Catalog # AAP58941</a> (Previous Catalog # AAPP44888)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PSEN1
Uniprot ID	<a href="#">P49768</a>
Protein Name	Presenilin-1
Sample Type Confirmation	PSEN1 is strongly supported by BioGPS gene expression data to be expressed in 721_B
Protein Accession #	<a href="#">NP_000012</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_000021</a>
Gene Symbol	<a href="#">PSEN1</a>
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit

<b>Application</b>	IHC, IP, WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 86%; Dog: 86%; Guinea Pig: 100%; Horse: 86%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 85%
<b>Image 1</b>	 A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two heavy chains are connected to each other and to the two light chains, forming a Y-shape with two antigen-binding sites at the tips of the arms.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.  
Optimal conditions of its use should be determined by end users.

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