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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58940_P050-Biotin
Product Page	www.avivasysbio.com/psen2-antibody-c-terminal-region-biotin-arp58940-p050-biotin.html
Name	PSEN2 Antibody - C-terminal region : Biotin (ARP58940_P050-Biotin)
Protein Size (# AA)	304 amino acids
Molecular Weight	33kDa
Conjugation	Biotin
NCBI Gene Id	5664
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	presenilin 2
Alias Symbols	AD4, PS2, AD3L, STM2, CMD1V
Peptide Sequence	Synthetic peptide located within the following region: PYDPEMEEDSYDSFGEPSYPEVFEPLPLTGYPGEELEEEEEERGVKLGDF
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 or PSEN2) or 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 act as protease enzymes. Two alternatively spliced transcript variants encoding different isoforms of PSEN2 have been identified.
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 anti-PSEN2 (ARP58940_P050-Biotin) antibody
Blocking Peptide	For anti-PSEN2 (ARP58940_P050-Biotin) antibody is Catalog # AAP58940
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of human PSEN2
Uniprot ID	E5RG63
Protein Name	presenilin-2
Protein Accession #	XP_011542538.1
Purification	Affinity Purified
Nucleotide Accession #	XM_011544236.1
Gene Symbol	PSEN2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Yeast, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 90%; Zebrafish: 100%

Image 1



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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