

Datasheet: AHP667

Description:	RABBIT ANTI HUMAN PRESENILIN-1 (LOOP)
Specificity:	PRESENILIN-1 (LOOP)
Other names:	PSEN1
Format:	Serum
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			■	
Immunohistology - Frozen	■			
Immunohistology - Paraffin			■	
ELISA			■	
Immunoprecipitation	■			
Western Blotting	■			1/500 - 1/1000

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species

Human

Species Cross Reactivity

Reacts with: Monkey

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Serum - liquid

Antiserum Preparation

Antisera to presenilin-1 were raised by repeated immunisations of rabbits with highly purified antigen.

Preservative Stabilisers

<0.1% Sodium Azide (NaN₃)

External Database Links	UniProt: P49768 Related reagents
	Entrez Gene: 5663 PSEN1 Related reagents
Synonyms	AD3, PS1, PSNL1
RRID	AB_323732
Specificity	<p>Rabbit anti Human presenilin antibody recognizes presenilin-1 (PSEN1), an integral membrane protein that is widely expressed, especially in brain tissue.</p> <p>PSEN1 is an essential component of the gamma-secretase complex, along with APH-1 (APH-1A or APH-1B), PSEN2, Pen-2 (PEN2), and nicastrin (NCSTN). This endoprotease complex plays a vital role in the evolutionarily conserved Notch signaling pathway, by catalyzing the intramembrane S3 cleavage of ligand-activated Notch receptor proteins (Notch1-4), resulting in the generation and release of an activated NICD fragment, which then translocates to the nucleus and activates the transcription of downstream effector genes.</p> <p>Mutations of presenilin-1 are associated with early onset Alzheimer's disease.</p>
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10081 available at: 10081: https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
 Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
 Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
 Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)
 Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Recommended Useful Reagents

TidyBlot WESTERN BLOT DETECTION REAGENT:HRP (STAR209P)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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