

Datasheet: VPA00332

Description:	RABBIT ANTI PRESENILIN-1
Specificity:	PRESENILLIN-1
Format:	Purified
Product Type:	PrecisionAb™ Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

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
Western Blotting	■			1/1000

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

Target Species	Human
Product Form	Ig fraction - liquid
Preparation	Rabbit Ig fraction prepared by ammonium sulphate precipitation
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	KLH-conjugated synthetic peptide corresponding to aa 330-359 of human presenilin-1
External Database Links	UniProt: P49768 Related reagents Entrez Gene: 5663 PSEN1 Related reagents
Synonyms	AD3, PS1, PSNL1
Specificity	Rabbit anti Human presenilin-1 antibody recognizes presenilin-1 also known as PSEN1. Alzheimer's disease (AD) patients with an inherited form of the disease carry mutations in the

presenilin proteins (presenilin-1 or presenilin-2) 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 Presenilin-1, the full-length nature of only some have been determined (provided by RefSeq, Aug 2008).

Rabbit anti Human presenilin-1 antibody detects a band of 55 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Anti presenilin-1 detects a band of approximately 55 kDa in Raji cell lysate
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
Shelf Life	As supplied, 12 months from date of despatch
Acknowledgements	PrecisionAb™ is a trademark of Bio-Rad Laboratories
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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