

Datasheet: AHP664

Description:	RABBIT ANTI HUMAN AMYLOID PRECURSOR PROTEIN (UNIVERSAL)
Specificity:	AMYLOID PRECURSOR PROTEIN (UNIVERSAL)
Other names:	APP
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 (1)	▪			
Western Blotting (2)	▪			1/500 - 1/1000
Immunofluorescence	▪			

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

(1) **Reduction and alkylation required.**

(2) **Reduction and alkylation required.**

Target Species	Human
Species Cross Reactivity	<p>Reacts with: Monkey, Mouse</p> <p>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.</p>
Product Form	Serum - liquid

Antiserum Preparation Antisera to human APP were raised by repeated immunisations of rabbits with highly

purified antigen.

**Preservative
Stabilisers**

0.1% Sodium Azide

**External Database
Links**

UniProt:

[P05067](#)

[Related reagents](#)

Entrez Gene:

[351](#)

APP

[Related reagents](#)

Synonyms

A4, AD1

RRID

AB_324345

Specificity

Rabbit anti Human amyloid precursor protein antibody recognises all forms of human amyloid precursor protein. Rabbit anti Human amyloid precursor protein antibody (>**AHP664**) does not recognise bovine APP and is therefore of value in detecting human APP in cultures containing bovine serum.

APP exists in a number of isoforms. APP(695) is predominant in neuronal tissue, whilst APP(751) dominates elsewhere.

References

1. Schregel, K. *et al.* (2012) Demyelination reduces brain parenchymal stiffness quantified in vivo by magnetic resonance elastography. [Proc Natl Acad Sci U S A. 109: 6650-5.](#)

Storage

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.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee

12 months from date of despatch

**Health And Safety
Information**

Material Safety Datasheet documentation #10342 available at:
10342: <https://www.bio-rad-antibodies.com/uploads/MSDS/10342.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](#)

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
----------------------------------	---	------------------	---	---------------	---

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M387947:210803'

Printed on 07 Jan 2022

© 2022 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)