

## Datasheet: AHP664

<b>Description:</b>	RABBIT ANTI HUMAN AMYLOID PRECURSOR PROTEIN (UNIVERSAL)
<b>Specificity:</b>	AMYLOID PRECURSOR PROTEIN (UNIVERSAL)
<b>Other names:</b>	APP
<b>Format:</b>	Serum
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.**

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

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

purified antigen.

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**Preservative  
Stabilisers**

0.1% Sodium Azide

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**External Database  
Links**

**UniProt:**

[P05067](#)   [Related reagents](#)

**Entrez Gene:**

[351](#)   APP   [Related reagents](#)

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**Synonyms**

A4, AD1

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**RRID**

AB\_324345

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**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.

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**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.](#)

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**Storage**

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee**

12 months from date of despatch

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**Health And Safety  
Information**

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

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)   [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Goat Anti Rabbit IgG (Fc) (STAR121...)   [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...)

[RPE](#)

Sheep Anti Rabbit IgG (STAR36...)

[DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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