

Datasheet: AHP663

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| Description: | RABBIT ANTI HUMAN AMYLOID PRECURSOR PROTEIN (C-TERMINAL) |
| Specificity: | AMYLOID PRECURSOR PROTEIN (C-TERMINAL) |
| 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 | ▪ | | | |
| 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.

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| Target Species | Human |
| Species Cross Reactivity | Reacts with: Monkey N.B. Antibody reactivity and working conditions may vary between species. |
| Product Form | 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 | 0.02% Sodium Azide |
| Immunogen | Synthetic peptide from C-terminus of APP. |

External Database

Links

UniProt:

[P05067](#) [Related reagents](#)

Entrez Gene:

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

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| Synonyms | A4, AD1 |
| Specificity | <p>Rabbit anti Human amyloid precursor protein antibody recognizes an epitope at the C-terminus of human amyloid precursor protein (APP).</p> <p>APP is a ~110-130 kDa transmembrane protein. Processing of APP by Beta-secretase gives rise to amyloidogenic beta-amyloid proteins, deposition of which are characteristic of Alzheimer disease.</p> <p>APP exists in a number of isoforms. APP(695) is predominant in neuronal tissue, whilst APP(751) dominates elsewhere. APP also inhibits Notch signaling through it's interaction with NUMB.</p> |
| References | <p>1. Lunemann, J.D. <i>et al.</i> (2007) Beta-amyloid is a substrate of autophagy in sporadic inclusion body myositis. Ann Neurol. 61: 476-83</p> <p>2. Keller, C.W. <i>et al.</i> (2011) TNF-alpha induces macroautophagy and regulates MHC class II expression in human skeletal muscle cells. J Biol Chem. 286: 3970-80.</p> |
| Storage | <p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>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.</p> |
| Shelf Life | 18 months from date of despatch. |
| Health And Safety Information | <p>Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10081 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf</p> |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

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| Sheep Anti Rabbit IgG (STAR34...) | FITC |
| Sheep Anti Rabbit IgG (STAR35...) | RPE |
| Goat Anti Rabbit IgG (H/L) (STAR124...) | HRP |
| Goat Anti Rabbit IgG (Fc) (STAR121...) | Biotin , FITC , HRP |
| Sheep Anti Rabbit IgG (2AB02...) | Biotin |
| Sheep Anti Rabbit IgG (STAR36...) | DyLight@488 , DyLight@549 , DyLight@649 , DyLight@680 , DyLight@800 |

Recommended Useful Reagents

[TidyBlot™ WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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| 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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