Datasheet: AHP677

<table>
<thead>
<tr>
<th>Description:</th>
<th>RABBIT ANTI HUMAN BETA AMYLOID (aa1-42)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specificity:</td>
<td>BETA AMYLOID (aa1-42)</td>
</tr>
<tr>
<td>Format:</td>
<td>Serum</td>
</tr>
<tr>
<td>Product Type:</td>
<td>Polyclonal Antibody</td>
</tr>
<tr>
<td>Isotype:</td>
<td>Polyclonal IgG</td>
</tr>
<tr>
<td>Quantity:</td>
<td>0.1 ml</td>
</tr>
</tbody>
</table>

RRID AB_2242734

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.

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Immunohistology - Frozen</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Immunohistology - Paraffin (1)</td>
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<tr>
<td>ELISA</td>
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<tr>
<td>Immunoprecipitation</td>
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<tr>
<td>Western Blotting</td>
<td></td>
<td>●</td>
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<td>1/500 - 1/1000</td>
</tr>
</tbody>
</table>

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.

(1)This product requires formic acid pre-treatment of paraffin sections.

Target Species

Human

Product Form

Serum - liquid

Antiserum Preparation

Antisera to Beta amyloid (1-42) were raised by repeated immunisations of rabbits with highly purified antigen.

Preservative Stabilisers

0.02% Sodium Azide

External Database Links

UniProt: P05067 Related reagents

Entrez Gene: 351 APP Related reagents

Synonyms

A4, AD1
**Specificity**

Rabbit anti Human beta amyloid antibody recognizes the beta amyloid (1-42) peptide, the main constituent of amyloid plaques in the brains of Alzheimer's disease patients. Similar plaques appear in some variants of Lewy body dementia and in inclusion body myositis, a muscle disease (Benveniste *et al.* 2015). Beta amyloid also forms aggregates coating cerebral blood vessels in cerebral amyloid angiopathy (*Kirshner et al.* 2015).

Rabbit anti Human beta amyloid antibody (*AHP677*) may be used in immunohistochemical staining of Alzheimer's disease plaques.

**Histology Positive Control Tissue**

Alzheimer's disease brain

**References**


**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.

**Guarantee**

18 months from date of despatch.

**Health And Safety Information**


**Regulatory**

For research purposes only

**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 (2AB02...) *Biotin*

Sheep Anti Rabbit IgG (STAR36...) *DyLight®488, DyLight®680, DyLight®800*

**Recommended Useful Reagents**

*TidyBlot WESTERN BLOT DETECTION REAGENT:HRP (STAR209P)*