

Datasheet: AHP676

Description:	RABBIT ANTI HUMAN BETA AMYLOID (aa1-40)
Specificity:	BETA AMYLOID (aa1-40)
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 (1)	▪			
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.

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

Target Species	Human
Product Form	Serum - liquid
Antiserum Preparation	Antisera to Beta amyloid (1-40) were raised by repeated immunisations of rabbits with highly purified antigen.
Preservative Stabilisers	0.02% Sodium Azide
External Database Links	<p>UniProt: P05067 Related reagents</p> <p>Entrez Gene: 351 APP Related reagents</p>
Synonyms	A4, AD1
RRID	AB_324518

Specificity **Rabbit anti Human Beta Amyloid Antibody** recognises the beta amyloid (1-40) peptide that is thought to be 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. Beta amyloid also forms aggregates coating cerebral blood vessels in cerebral amyloid angiopathy.

Rabbit anti Human Beta Amyloid Antibody may be used in immunohistochemical staining of Alzheimer's disease plaques.

Histology Positive Control Tissue Alzheimer's disease brain

References

- Bertrand, E. *et al.* (2008) Amyloid angiopathy in idiopathic Parkinson's disease. Immunohistochemical and ultrastructural study. [Folia Neuropathol. 46 \(4\): 255-70.](#)
- Jeffrey, M. *et al.* (2015) Membrane pathology and microglial activation of mice expressing membrane anchored or membrane released forms of A β and mutated human Alzheimer's precursor protein (APP). [Neuropathol Appl Neurobiol. 41 \(4\): 458-70.](#)
- Jeffrey, M. *et al.* (2015) A Naturally Occurring Bovine Tauopathy Is Geographically Widespread in the UK. [PLoS One. 10 \(6\): e0129499.](#)

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 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10081 available at: 10081: <https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf>

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 (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

Recommended Useful Reagents

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

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