

Datasheet: AHP493

Description:	GOAT ANTI HUMAN ALPHA SYNUCLEIN
Specificity:	ALPHA SYNUCLEIN
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	▪			1/300
ELISA	▪			1/1000 vs immunising peptide
Immunoprecipitation			▪	
Western Blotting			▪	

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.

Target Species	Human
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Product Form	Serum - liquid
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Antiserum Preparation Antisera to a-synuclein were raised by repeated immunisation of goats with highly purified antigen.

Preservative Stabilisers	0.09% Sodium Azide
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Immunogen Synthetic peptide corresponding to amino acids 116-131 of the C-terminus of a synuclein.

External Database Links	UniProt:
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[P37840](#) [Related reagents](#)

Entrez Gene:

[6622](#) SNCA [Related reagents](#)

Synonyms	NACP, PARK1
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RRID	AB_2192802
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Specificity	<p>Goat anti Human alpha synuclein antibody recognizes human alpha-synuclein. The alpha-synuclein gene, located on chromosome 4, has been linked to early onset autosomal dominant Parkinson's disease.</p> <p>The protein is abundant in the nervous system, and is known to be the precursor of the non-beta amyloid component protein (NACP) of Alzheimer's disease. Alpha-synuclein has also been found to be associated with other neurodegenerative diseases such as multiple system atrophy and dementia with Lewy's bodies.</p>
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Immunohistology	This product does not require protein digestion pre-treatment of paraffin sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections.
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Histology Positive Control Tissue	Brain, Spinal Cord.
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References	<ol style="list-style-type: none">1. Spillantini, M.G. <i>et al.</i> (1997) Alpha-synuclein in Lewy bodies Nature 388: 839-840.2. Gai, W.P. <i>et al.</i> (1997) Multiple-system atrophy: a new alpha-synuclein disease. Lancet 352: 547-548.
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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>
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Guarantee	18 months from date of despatch.
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Health And Safety Information	Material Safety Datasheet documentation #10081 available at: 10081: https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

North & South Tel: +1 800 265 7376

Worldwide Tel: +44 (0)1865 852 700

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From
March

15, 2021, we will no longer supply printed datasheets with our products.
Look out for updates on how to access your digital version at bio-rad-antibodies.com

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