

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
Product Form	Serum - liquid

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:

[P37840](#) [Related reagents](#)

Entrez Gene:

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

Synonyms	NACP, PARK1
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Specificity **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.

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.

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.

Histology Positive Control Tissue Brain, Spinal Cord.

References

1. Spillantini, M.G. *et al.* (1997) Alpha-synuclein in Lewy bodies [Nature 388: 839-840.](#)
2. Gai, W.P. *et al.* (1997) Multiple-system atrophy: a new alpha-synuclein disease. [Lancet 352: 547-548.](#)

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.

Shelf Life 18 months from date of despatch.

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

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

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

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