Datasheet: AHP493

Product Details

RRID  AB_2192802

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>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Immunohistology - Frozen</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Immunohistology - Paraffin</td>
<td></td>
<td></td>
<td></td>
<td>1/300</td>
</tr>
<tr>
<td>ELISA</td>
<td></td>
<td></td>
<td></td>
<td>1/1000 vs immunising peptide</td>
</tr>
<tr>
<td>Immunoprecipitation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Western Blotting</td>
<td></td>
<td></td>
<td></td>
<td></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. 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

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

Page 1 of 2
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


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

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