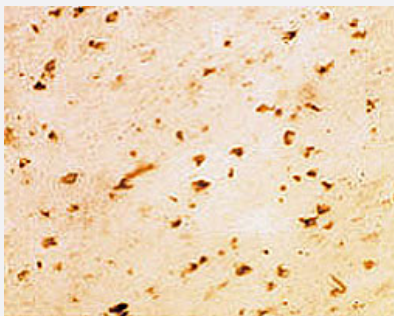


SNCA polyclonal antibody

Catalog # PAB0767

Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (paraffin - embedded tissue) of glial inclusions in white matter from a case of multiple system atrophy using sheep SNCA polyclonal antibody (Cat # PAB0767).

Specification

Product Description	Sheep polyclonal antibody raised against synthetic peptide of SNCA.
Immunogen	A synthetic peptide (conjugated diphtheria toxoid) corresponding to amino acids 116-131 of human SNCA.
Sequence	CMPVDPDNEAYEMPSEE
Host	Sheep
Reactivity	Human, Mouse, Rat
Specificity	This antiserum specifically detects alpha synuclein.
Form	Lyophilized
Recommend Usage	Immunohistochemistry (1 ug/mL) Western Blot (0.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS

Storage Instruction

Store at 4°C on dry atmosphere.
After reconstitution with deionized water, store at -20°C or lower.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
Immunohistochemical staining (paraffin - embedded tissue) of glial inclusions in white matter from a case of multiple system atrophy using sheep SNCA polyclonal antibody (Cat # PAB0767).
- Enzyme-linked Immunoabsorbent Assay

Gene Info — SNCA

Entrez GeneID [6622](#)

Protein Accession# [P37840](#)

Gene Name SNCA

Gene Alias MGC110988, NACP, PARK1, PARK4, PD1

Gene Description synuclein, alpha (non A4 component of amyloid precursor)

Omim ID [127750](#) [163890](#) [168601](#) [605543](#)

Gene Ontology [Hyperlink](#)

Gene Summary Alpha-synuclein is a member of the synuclein family, which also includes beta- and gamma-synuclein. Synucleins are abundantly expressed in the brain and alpha- and beta-synuclein inhibit phospholipase D2 selectively. SNCA may serve to integrate presynaptic signaling and membrane trafficking. Defects in SNCA have been implicated in the pathogenesis of Parkinson disease. SNCA peptides are a major component of amyloid plaques in the brains of patients with Alzheimer's disease. Four alternatively spliced transcripts encoding two different isoforms have been identified for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000161559|OTTHUMP00000161561|alpha synuclein|alpha-synuclein|alpha-synuclein, isoform NACP140|non A-beta component of AD amyloid|non A4 component of amyloid

Disease

- [Alcoholism](#)
- [Alzheimer disease](#)
- [Amphetamine-Related Disorders](#)
- [Association Learning](#)
- [Attention](#)
- [Cardiovascular Diseases](#)
- [Chromosome Breakage](#)
- [Cognition Disorders](#)
- [Color Perception](#)
- [Cystic fibrosis](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Disease Progression](#)
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- [Genetic Predisposition to Disease](#)
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- [Olfaction Disorders](#)
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