

SNCA polyclonal antibody

Catalog # PAB0770

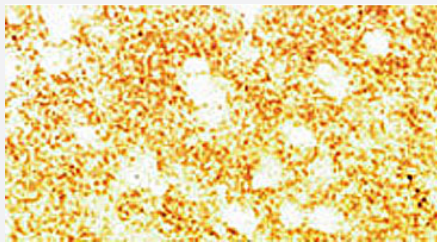
Size 50 ug

Applications



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

Immunohistochemical staining (paraffin - emedded tissue) of glial inclusions in white matter from a case of multiple system atrophy using sheep SNCA polyclonal antibody (Cat # PAB0770).



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Immunohistochemical staining (paraffin - emedded tissue) of SNCA in human neocortex using sheep SNCA polyclonal antibody (Cat # PAB0770) .

Specification

Product Description	Sheep polyclonal antibody raised against synthetic peptide of SNCA.
Immunogen	A synthetic peptide (conjugated diphtheria toxoid) corresponding to amino acids 108-120 of human SNCA.
Sequence	PQEGILEDMPVDPC
Host	Sheep
Reactivity	Human, Rat
Specificity	Immunihistochemical analysis of human and rat brain indicates a high level of specificity for this antis erum. Specificity was also confirmed by western blot.

Form	Lyophilized
Recommend Usage	Immunohistochemistry (1 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.

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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

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