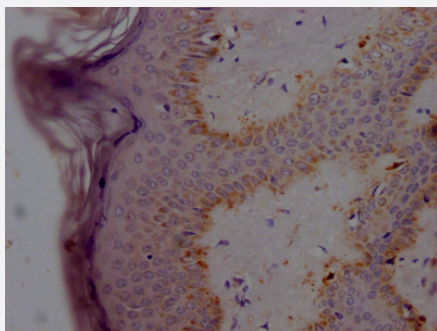


RecomAb™

SNCA recombinant monoclonal antibody, clone 5E5

Catalog # RAB04151 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemistry image of SNCA recombinant monoclonal antibody, clone 5E5 diluted at 1:100 and staining in paraffin-embedded human skin tissue performed on a Leica Bond™ system.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human SNCA.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human SNCA.
Reactivity	Human
Form	Liquid
Purification	Affinity-chromatography
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry

Immunohistochemistry image of SNCA recombinant monoclonal antibody, clone 5E5 diluted at 1:100 and staining in paraffin-embedded human skin tissue performed on a Leica Bond™ system.

- 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](#)
- [Disease Susceptibility](#)
- [Essential tremor](#)
- [Genetic Predisposition to Disease](#)
- [Lewy Body Disease](#)
- [Mental Recall](#)
- [Metabolic Syndrome X](#)
- [Movement Disorders](#)
- [Multiple System Atrophy](#)
- [Neoplasms](#)
- [Nerve Degeneration](#)
- [Neuroblastoma](#)
- [Neurodegenerative Diseases](#)
- [Neuropsychological Tests](#)
- [Olfaction Disorders](#)
- [Osteoporosis](#)

- [Parkinson disease](#)
- [Parkinsonian Disorders](#)
- [Psychological Tests](#)
- [Psychomotor Performance](#)
- [Psychoses](#)
- [Serial Learning](#)
- [Smell](#)
- [Substance-Related Disorders](#)
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