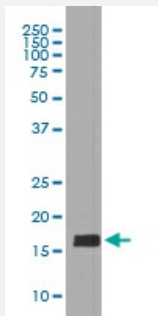


SNCA monoclonal antibody, clone CGC-19

Catalog # MAB19542 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of mouse brain tissue lysate with SNCA monoclonal antibody.

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human SNCA.

Immunogen A synthetic peptide corresponding to human SNCA.

Host Rabbit

Reactivity Human, Mouse, Rat

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage

- Immunocytochemistry (1:50-1:200)
- Immunofluorescence (1:50-1:200)
- Flow Cytometry (1:50)
- Western Blot (1:1000-1:2000)
- The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instruction

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. 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

- Western Blot (Cell lysate)

Western blot analysis of mouse brain tissue lysate with SNCA monoclonal antibody.

- Immunocytochemistry

- Immunofluorescence

- Flow Cytometry

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](#)
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