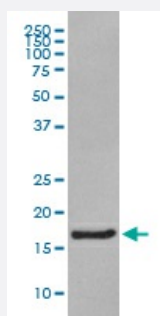


SNCA monoclonal antibody, clone AGA-19

Catalog # MAB19547

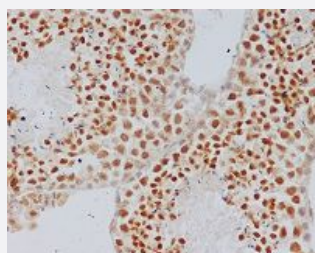
Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Human fetal brain lysate with SNCA monoclonal antibody.



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

Immunohistochemical staining of paraffin-embedded mouse testis 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
Form	Liquid
Purification	Affinity purification
Isotype	IgG

Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Immunoprecipitation (1:50) Flow Cytometry (1:50) Western Blot (1:500-1:2000) 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 Human fetal brain lysate with SNCA monoclonal antibody.

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

Immunohistochemical staining of paraffin-embedded mouse testis with SNCA monoclonal antibody.

- Immunocytochemistry

- Immunofluorescence

- Immunoprecipitation

- 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](#)
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