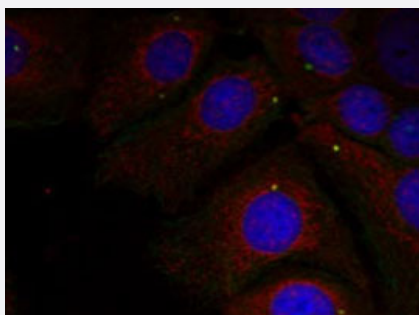


SNCA (phospho Y125) polyclonal antibody

Catalog # PAB25844 Size 100 ug

Applications



Immunofluorescence

Immunofluorescence staining of methanol-fixed HeLa cells using SNCA (phospho Y125) polyclonal antibody (Cat # PAB25844, red).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of SNCA.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding Y125 of human SNCA.
Sequence	E-A-Yp-E-M
Host	Rabbit
Theoretical MW (kDa)	18
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Immunofluorescence (1:100-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)

Storage Instruction

Store at -20°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

- Immunofluorescence

Immunofluorescence staining of methanol-fixed HeLa cells using SNCA (phospho Y125) polyclonal antibody (Cat # PAB25844, red).

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](#)
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- [Nerve Degeneration](#)
- [Neuroblastoma](#)
- [Neurodegenerative Diseases](#)
- [Neuropsychological Tests](#)
- [Olfaction Disorders](#)

- [Osteoporosis](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)
- [Psychological Tests](#)
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