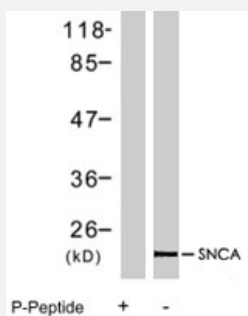


SNCA (phospho S129) polyclonal antibody

Catalog # PAB7738 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of extract from mouse brain tissue, using SNCA (phospho S129) polyclonal antibody (Cat # PAB7738).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of SNCA.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S129 of human SNCA.
Host	Rabbit
Theoretical MW (kDa)	18
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Immunoaffinity purification
Concentration	1 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Western Blot (1:500-1:1000) 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

- Western Blot (Tissue lysate)

Western blot analysis of extract from mouse brain tissue, using SNCA (phospho S129) polyclonal antibody (Cat # PAB7738).

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](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)