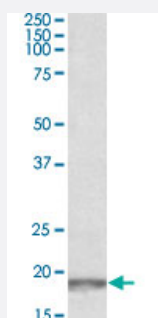


SNCA polyclonal antibody

Catalog # PAB27570 Size 100 ug

Applications



Western Blot (Tissue lysate)

SNCA polyclonal antibody (Cat # PAB27570) (0.1ug/ml) staining of fetal mouse brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of SNCA.
Immunogen	A synthetic peptide corresponding to internal region of human SNCA.
Sequence	ATGFVKKDKQLGK
Host	Goat
Theoretical MW (kDa)	17
Reactivity	Dog, Human, Mouse, Pig, Rat
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:128000) Western Blot (0.1-0.3ug/ml) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

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)

SNCA polyclonal antibody (Cat # PAB27570) (0.1ug/ml) staining of fetal mouse brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Gene Info — SNCA

Entrez GeneID[6622](#)**Protein Accession#**[NP_009292.1;NP_000336.1](#)**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](#)
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- [Disease Progression](#)
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- [Genetic Predisposition to Disease](#)
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- [Parkinson disease](#)
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