

Synuclein-alpha(Phospho Tyr133) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP14645
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Synuclein-alpha around the phosphorylation site of Tyr133. AA range:91-140
Mol wt	14460
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Alpha-synuclein
Synonyms	Alpha-synuclein; SNCA; NACP; PARK1; Alpha-synuclein; Non-A beta component of AD amyloid; Non-A4 component of amyloid precursor; NACP

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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. Alternatively spliced transcripts encoding different isoforms have been identified for this gene.

Recommended Dilution

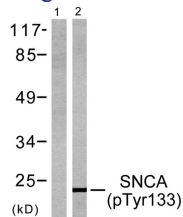
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

ELISA: 1: 40000

Not yet tested in other applications.

Images



Western blot analysis of lysates from 293 cells treated with Etoposide 25 μM 60', using Synuclein-alpha (Phospho-Tyr133) Antibody. The lane on the left is blocked with the phospho peptide.

Storage

-20°C for 1 year