

# Synuclein-alpha(Phospho Tyr136) Polyclonal Antibody

# Description

Product type Primary Antibody

Code BT-AP14646

**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 Tyr136. AA range:91-140

Mol wt 14460

Species reactivity Human, Mouse, Rat

 $\begin{tabular}{ll} \textbf{Clonality} & Polyclonal \\ \textbf{Recommended application} & WB, ELISA \\ \begin{tabular}{ll} \textbf{Concentration} & 1 mg/ml \\ \end{tabular}$ 

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

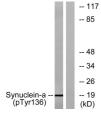
Alpha-synuclein is a member of the synuclein family, which also includes beta- and gamma-synuclein. Synucleins are abundantly expressed in the brain and alpha- and beta-synuclein inhibit phospholipase D2 selectively. SNCA may serve to integrate presynaptic signaling and membrane trafficking. Defects 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 ELISA: 1: 5000

Not yet tested in other applications.

## **Images**



Western blot analysis of lysates from mouse brain, using Synuclein-alpha (Phospho-Tyr136) Antibody. The lane on the right is blocked with the phospho peptide.

# Storage

-20°C for 1 year