

## Phospho-SNCA-Y133

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IF

**Recommended Dilution:** WB 1:500 - 1:2000 IF 1:100 - 1:200

**Calculated MW:** 18kDa

**Observed MW:** Refer to Figures

**Immunogen:**

A phospho specific peptide corresponding to residues surrounding Y133 of human SNCA

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

bi

**Synonym:**

PD1; NACP; PARK1; PARK4;

**Catalog #:** AP0451

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 6622

**Isotype:** IgG

**Swiss Prot:** P37840

**Purity:** Affinity purification

For research use only.

**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. Four alternatively spliced transcripts encoding two different isoforms have been identified for this gene.

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