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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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