



Chickens make *better* antibodies.

Product Data Sheet

Catalog Number: SNCA-1010

Description: Alpha-Synuclein chicken polyclonal antibody

Volume: 100 μ L

Concentration: 10.0 mg IgY/mL (based on absorbance at 280 nm)

Physical State: Liquid

Buffer: Phosphate-buffered (10 mM) isotonic (0.9%, w/v) saline ("PBS," pH 7.2) with sodium azide (0.02%, w/v) added as a preservative

Production Notes: Chickens were immunized with recombinant human alpha-synuclein protein (expressed in bacteria). After repeated injections, immune eggs were collected, the IgY fractions were purified from the yolks, and the IgY concentration adjusted to 10 mg/mL. Finally, the antibody preparation was filter-sterilized.

Quality Control: Quality assurance analysis was performed using western blot on rat brain lysate (at a dilution of 1:2,500) using horseradish peroxidase-labeled goat anti-chicken IgY (1:500 dilution, Aves Labs Cat.# H-1004) as the secondary reagent.

Storage: Store at 4°C in the dark. Under these conditions, the antibody should have a shelf life of at least twelve months, provided they remain sterile. Do not freeze these antibodies unless you want to store them for longer periods of time. Note, however, that each time an antibody preparation is frozen, about half of its binding activity may be lost.

Recommended Dilutions: 1:100 -1:500 for immunohistochemistry and immunocytochemistry using 2% paraformaldehyde-fixed tissues or cells. 1:1000-1:5000 for western blots. Please note that these dilutions are meant to serve as starting points, and that optimal dilutions may vary.

Country of Origin: USA

*Aves Labs products are intended for use as research laboratory reagents.
They are not intended for use as diagnostic or therapeutic reagents in humans.*