



Chickens make *better* antibodies.

Product Data Sheet

Catalog Number:	ABN
Description:	β -Amyloid peptide (N-terminus) chicken polyclonal anti-peptide antibody mixture
Volume:	Regular: 1000 μ L Sampler: 200 μ L
Concentration:	Affinity-purified anti-peptide antibodies are at a concentration of 100 μ g/mL (based on A280 measurements).
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:	Hens were immunized with a synthetic peptide (corresponding to DAE FRH DSG YEV HHQ KL, residues #1-17 of the amyloid beta-peptide) coupled to keyhole limpet hemocyanin (KLH). After repeated injections, immune eggs were collected, and the IgY fractions were purified from the yolks. These IgY fractions were then affinity purified using a peptide column to which the same peptide was attached. Finally, the antibody concentration was adjusted to 100 μ g/mL and filter sterilized.
Quality Control:	Antibodies were analyzed by immunohistochemistry (at a concentration of 3 μ g/mL) using fluorescein-labeled goat anti-chicken IgY (1:500 dilution, Aves Labs Cat.# F-1005) or HRP-labeled goat anti-chicken IgY (1:2000 dilution, Aves Labs, Cat.# H-1004) as the secondary reagent.
Storage:	Store at 4°C in the dark. Under these conditions, the antibodies should have a shelf life of at least twelve months, provided they remain sterile. For longer storage periods, dilute the antibodies with sterile glycerol and store at -20°C. Do not freeze these antibodies unless you want to store them for longer periods of time.

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