



Chickens make *better* antibodies.

Product Data Sheet

Catalog Number: NUN

Description: Neu-N antigen (also known as Fox-3) chicken polyclonal anti-peptide antibody

Volume: Regular 1000µL, Trial Size 100µL

Concentration: One affinity-purified anti-peptide antibody makes up this product. The concentration of this antibody is 100 µg/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: Hens were immunized with a synthetic peptide-keyhole limpet hemocyanin (KLH) conjugate. This synthetic peptide corresponded to the Fox-3 gene product (also known as the Neu-N antigen), but was shared between the human NP_001076044, NCBI) and mouse (NP_001020102, NCBI) sequences. After repeated injections into the hens, immune eggs were collected, and the IgY fractions were purified from the yolks. These IgY fractions were then affinity-purified using a peptide column, the concentrations of the eluate adjusted to 100 µg/mL, and the preparation filter-sterilized.

Storage: **Store at 4°C in the dark.** Under these conditions, the antibodies should have a shelf life of at least 12 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 its binding activity is lost.

Recommended Dilutions: 1:1000-1:2000 for immunohistochemistry and immunocytochemistry using 2.0% paraformaldehyde-fixed tissues or cells. Note that these dilutions are meant to serve as a starting point. Optimal dilutions may vary.

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