



...Specializing in custom-made chicken antibodies against “difficult” antigens.

PRODUCT SPECIFICATIONS

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

Catalog Number: NUN

Volume: Regular 1000µl, Sampler 200µl

NOTE: These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

Antibody Concentrations:	One affinity-purified anti-peptide antibody makes up this product. The concentration of this antibody is 100 ug/ml (based on Bradford assay readings using bovine serum albumin as a standard).
Buffer:	Phosphate-buffered (10 mM) isotonic (0.9%, w/v) saline (PBS, pH 7.2 and 0.02% (w/v) sodium azide. The sodium azide is added as a preservative.
Production:	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 ug/ml, and the preparation filter-sterilized.
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, and that optimal dilutions may vary.
Storage Conditions:	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.

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