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## PRODUCT SPECIFICATIONS

Product Description:	<b>Netrin-1 chicken polyclonal anti-peptide antibody</b>
Catalog Number:	NET
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).
Volume:	Regular vials contain 1000 ul of this antibody mixture; Sampler vials contain 200 ul of this mixture.
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:	Chickens were immunized with a synthetic peptide-keyhole limpet hemocyanin (KLH) conjugate. This synthetic peptide corresponded to the netrin-1 gene product, but was shared between the human (O_095631, NCBI) and mouse (O_09118, 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.
Quality Control:	Quality assurance analysis was performed using immunohistochemistry (at a dilution of 1:2000) using fluorescein-labeled goat anti-chicken IgY (1:500 dilution, Aves Labs Cat.# F-1005) as the secondary reagent.
Storage Conditions:	<b>Store at 4°C in the dark.</b> Under these conditions, the antibody should have a shelf life of at least 12 months (provided they remain sterile). Do not freeze the antibody unless you want to store it for longer periods of time. Note, however, that each time an antibody preparation is frozen, about half its binding activity is lost.

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