



...Specializing in custom-made chicken antibodies against "difficult" antigens.

PRODUCT SPECIFICATIONS

Product Description: Metabotropic Glutamate Receptor-2/3 (mGluR2/3) Chicken polyclonal anti-peptide antibody

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

Catalog Number: ER2/3

Volume: Regular 1000µl, Sampler 200µl

Lot Number: ER2/3-889788

Antibody Concentrations:	Two affinity-purified anti-peptide antibody preparation was used to make this product. The concentration of this preparation was 200 ug/ml (based on absorbance at 280 nm).
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 synthetic peptide / keyhole limpet hemocyanin (KLH) conjugates. The synthetic peptides correspond to sequences shared between the metabotropic glutamate receptor type 2 gene product and the type 3 gene product. 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, the concentrations of the eluates adjusted to 200 ug/ml, and the preparation was filter-sterilized.
Quality Control:	This anti-peptide antibody preparation was analyzed by 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:	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% paraformaldehyde-fixed tissues or cells. Please note that these dilutions are meant to serve as starting points, and that optimal dilutions may vary.

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