



**Catalog Number:** RA13103

**Host:** Rabbit

**Product Type:** Affinity Purified Antibody

**Species Reactivity:** Rat

**Immunogen Sequence:** TKVDEAEYM  
Corresponding to residues 118-126  
of rat mGLUR3

**Format:** Affinity purified. Sent in  
liquid form in Tris  
Glycine with 0.1%  
sodium azide and 1%  
BSA, pH 7.8.

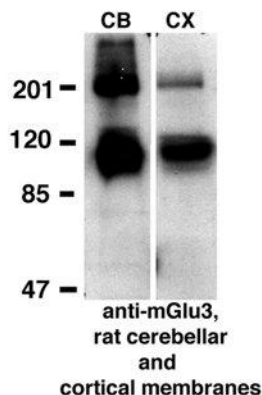
**Applications:** Immunohistochemistry: 1:500  
Western Blotting 1:1000  
Anti-mGluR3 has been only shown to work by Western Blotting in systems (transfected  
cells) with high expression levels using standard protocols

**Dilutions listed only as a recommendation. Optimal dilution should be determined by  
researcher.**

**Storage:** Store frozen. Aliquot as undiluted serum and immediately place at -20°C. Serum may have  
become trapped in top of vial during shipping. Centrifugation of vial is recommended before  
opening. Stable for at least 6 months at -20°C. Repeated freeze/thaw cycles compromise  
the integrity of the antiserum.

**References:** Tanabe, Y., Masu, M., Ishii, T., Shigemoto, R., and Nakanishi, S. (1992). *A family of  
metabotropic glutamate receptors*. *Neuron* 8 (1), 169-79.

### Application Notes



*Note:* Sodium azide (NaN<sub>3</sub>) interferes with peroxidase reactions and should not be used with peroxidase methodologies. If sodium azide is present in any steps of the staining procedure, the tissue should thoroughly be rinsed with sodium azide-free buffer before performing the peroxidase reaction.

FOR RESEARCH USE ONLY

Neuromics reagents are for in vitro and certain non-human in vivo experimental use only and not intended for use in any human clinical investigation, diagnosis, prognosis, or treatment. The above analyses are merely typical guides. They are not to be construed as being specifications. All of the above information is, to the best of our knowledge, true and accurate. However, since the conditions of use are beyond our control, all recommendations or suggestions are made without guarantee, express or implied, on our part. We disclaim all liability in connection with the use of the information contained herein or otherwise, and all such risks are assumed by the user. We further expressly disclaim all warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE. V3-10/09

[www.neuromics.com](http://www.neuromics.com)

Neuromics Antibodies • 5325 West 74<sup>th</sup> Street, Suite 8 • Edina, MN 55439  
phone 866-350-1500 • fax 612-677-3976 • e-mail [pshuster@neuromics1.com](mailto:pshuster@neuromics1.com)