

# **Product datasheet for TA338563**

## **GLUR3 (GRIA3) Rabbit Polyclonal Antibody**

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

**Reactivity:** Mouse

**Host:** Rabbit

**Isotype:** IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-Gria3 antibody: synthetic peptide corresponding to a region of

Mouse. Synthetic peptide located within the following region: EEMDRRQEKRYLIDCEVERINTILEQVVILGKHSRGYHYMLANLGFTDIV

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

Purification: Protein A purified

Conjugation: Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 100 kDa

**Gene Name:** glutamate ionotropic receptor AMPA type subunit 3

Database Link: NP 015564

Entrez Gene 53623 Mouse

P42263



**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



### GLUR3 (GRIA3) Rabbit Polyclonal Antibody - TA338563

**Background:** This gene encodes a multi-pass transmembrane protein that forms a homotetramer or

heterotetramer in neuronal cells. The encoded protein is a ligand-gated ion channel that responds to the neurotransmitter L-glutamate to promote synaptic transmission. Deficiency of this gene leads to behavioral phenotypes. The transcript is subject to RNA editing at codon 769 (AGA->GGA; R->G). Alternative splicing results in multiple transcript variants. [provided by

RefSeq, Aug 2013]

Synonyms: GluA3; GLUR-C; GLUR-K3; GLUR3; GLURC; MRX94

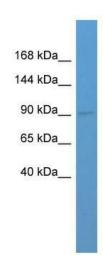
Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 79%

**Protein Families:** Druggable Genome, Ion Channels: Glutamate Receptors, Transmembrane

**Protein Pathways:** Long-term depression, Neuroactive ligand-receptor interaction

## **Product images:**



WB Suggested Anti-Gria3 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:2500; Positive Control: Mouse Liver