

## 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: EEMDRRQEKRYLIDCEVERINTILEQVMILGKHSRGYHYMLANLGFTDIV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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:	<a href="#">NP_015564</a> <a href="#">Entrez Gene 53623 Mouse</a> <a href="#">P42263</a>



[View online »](#)

**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:

