

## Rabbit GRIA2 Polyclonal Antibody | anti-GRIA2 antibody

GRIA2 antibody - N-terminal region

| CATALOG # | HOST   | REACTIVITY                                                   | APPLICATIONS         |
|-----------|--------|--------------------------------------------------------------|----------------------|
| AAA201723 | Rabbit | Cow, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish | Immunohistochemistry |

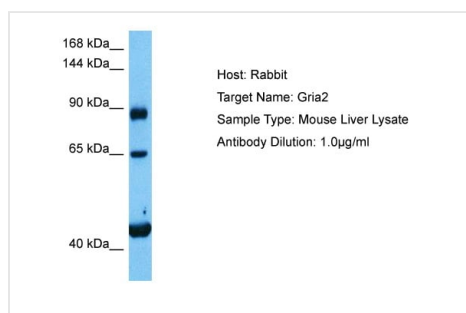
### PRODUCT SYNONYMS

GRIA2; Polyclonal Antibody; GRIA2 antibody - N-terminal region; anti-GRIA2 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Cow, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish                                                                                          |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Purity/Purification                             | Protein A purified                                                                                                                                    |
| Form/Format                                     | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                        | Synthetic peptide with the following region: PR GADQEYSAFR VGMVQFSTSE FRLTPHIDNL EVANSFAVTN AFCSQFSR                                                  |
| Sequence Length                                 | 883                                                                                                                                                   |
| Applicable Applications for anti-GRIA2 antibody | IHC (Immunohistochemistry)                                                                                                                            |
| Homology                                        | Cow: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 92%                                           |
| Immunogen                                       | The immunogen is a synthetic peptide directed towards the N terminal region of human GRIA2                                                            |
| Preparation and Storage                         | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

Host: Mouse Target Name: GRIA2 Sample Tissue: Mouse Liver Antibody Dilution: 1 µg/ml


**IHC (Immunohistochemistry)**

Sample Type: Mouse Gut Tissue Primary Dilution: 20 µg/mL and 4 µg/mL Secondary (Goat Anti-Rabbit Cy3) Dilution: 1:1500

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GRIA2 antibody | <p>This is a rabbit polyclonal antibody against GRIA2. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: Receptor for glutamate. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. The postsynaptic actions of GLU are mediated by a variety of receptors that are named according to their selective agonists. This receptor binds AMPA (quisqualate) &gt; glutamate &gt; kainate.</p> |
| Product Categories/Family for anti-GRIA2 antibody   | Polyclonal; Signal Proteins; Immunohistochemistry; Receptors                                                                                                                                                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                                  |                                                   |
|----------------------------------|---------------------------------------------------|
| NCBI GI #                        | 74275354                                          |
| NCBI GeneID                      | 2891                                              |
| NCBI Accession #                 | NP_000817                                         |
| NCBI GenBank Nucleotide #        | NM_000826                                         |
| UniProt Accession #              | P42262                                            |
| Molecular Weight                 | 99kDa                                             |
| NCBI Official Full Name          | glutamate receptor 2 isoform 1                    |
| NCBI Official Synonym Full Names | glutamate ionotropic receptor AMPA type subunit 2 |
| NCBI Official Symbol             | GRIA2                                             |
| NCBI Official Synonym Symbols    | GLUR2; GLURB; GluA2; HBGR2; GluR-K2               |
| NCBI Protein Information         | glutamate receptor 2                              |
| UniProt Protein Name             | Glutamate receptor 2                              |
| UniProt Gene Name                | GRIA2                                             |
| UniProt Synonym Gene Names       | GLUR2; GluR-2; GluA2                              |
| UniProt Entry Name               | GRIA2_HUMAN                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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