

## Rabbit GLUR4 Polyclonal Antibody | anti-GLUR4 antibody

Rabbit anti-GLUR4 Antibody

| CATALOG # | HOST   | REACTIVITY                                    | APPLICATIONS                       |
|-----------|--------|-----------------------------------------------|------------------------------------|
| AAA223606 | Rabbit | Human, Mouse, Rat, Chicken, Monkey, Zebrafish | Immunohistochemistry, Western Blot |

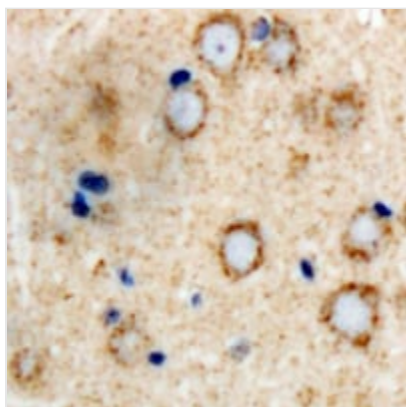
### PRODUCT SYNONYMS

GLUR4; Polyclonal Antibody; Rabbit anti-GLUR4 Antibody; Glutamate receptor 4; GluR-4; GluR4; AMPA-selective glutamate receptor 4; GluR-D; Glutamate receptor ionotropic; AMPA 4; GluA4; anti-GLUR4 antibody

### PRODUCT SPECIFICATIONS

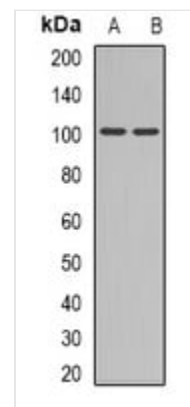
|                                                 |                                                                                                                                      |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                               |
| Reactivity                                      | Human, Mouse, Rat, Chicken, Monkey, Zebrafish                                                                                        |
| Clonality                                       | Polyclonal                                                                                                                           |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                                                      |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                            |
| Concentration                                   | 1mg/mL (varies by lot)                                                                                                               |
| Applicable Applications for anti-GLUR4 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                        |
| Immunogen                                       | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GLUR4. The exact sequence is proprietary. |
| Preparation and Storage                         | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                            |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of GLUR4 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of GLUR4 expression in SHSY5Y (A), NIH3T3 (B) whole cell lysates.

ADDITIONAL INFORMATION

|                                                   |                    |
|---------------------------------------------------|--------------------|
| Product Categories/Family for anti-GLUR4 antibody | Primary antibodies |
|---------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 164419734                                                                                                         |
| NCBI GeneID                      | 2893                                                                                                              |
| NCBI Accession #                 | NP_000820.3                                                                                                       |
| NCBI GenBank Nucleotide #        | NM_000829.3                                                                                                       |
| UniProt Accession #              | P48058; Q9Z2W8; P19493                                                                                            |
| Molecular Weight                 | 100,871 Da                                                                                                        |
| NCBI Official Full Name          | glutamate receptor 4 isoform 1                                                                                    |
| NCBI Official Synonym Full Names | glutamate receptor, ionotropic, AMPA 4                                                                            |
| NCBI Official Symbol             | GRIA4                                                                                                             |
| NCBI Official Synonym Symbols    | GLUR4; GLURD; GluA4; GLUR4C                                                                                       |
| NCBI Protein Information         | glutamate receptor 4; gluD-4; gluD-D; AMPA-selective glutamate receptor 4; glutamate receptor, ionotropic, AMPA 4 |
| UniProt Protein Name             | Glutamate receptor 4                                                                                              |
| UniProt Gene Name                | GRIA4                                                                                                             |
| UniProt Synonym Gene Names       | GLUR4; GluR-4; GluR4; GluA4                                                                                       |
| UniProt Entry Name               | GRIA4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/glur4-antibody-immunohistochemistry-western-blot-elisa/223606>