

## Rabbit anti-Human GRIK2 Polyclonal Antibody | anti-GRIK2 antibody

GRIK2 (GluR6) Polyclonal Antibody

|                               |                       |                            |                                             |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA293743</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|

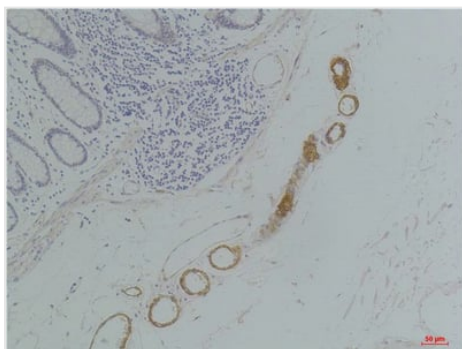
### PRODUCT SYNONYMS

GRIK2; Polyclonal Antibody; GRIK2 (GluR6) Polyclonal Antibody; Glutamate receptor; ionotropic kainate 2 (Excitatory amino acid receptor 4)(EAA4)(Glutamate receptor 6)(GluR-6)(GluR6); anti-GRIK2 antibody

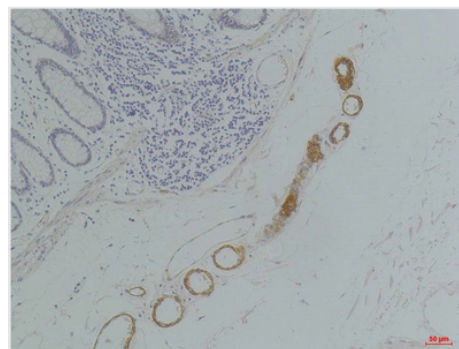
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Human                                                                                                                                                 |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-GRIK2 antibody | IHC (Immunohistochemistry)                                                                                                                            |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



Application Data  
Dilution: IHC 1:100-200



IHC (Immunohistochemistry)  
Dilution: IHC: 1:100-200

### ADDITIONAL INFORMATION

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| Related Product Information for anti-GRIK2 antibody | Ionotropic glutamate receptor. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. Binding of the excitatory neurotransmitter L- glutamate induces a conformation change, leading to the opening of the cation channel, and thereby converts the chemical signal to an electrical impulse. The receptor then desensitizes rapidly and enters a transient inactive state, characterized by the presence of bound agonist (PubMed:28180184). May be involved in the transmission of light information from the retina to the hypothalamus. Modulates cell surface expression of NETO2 (By similarity). |
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### NCBI AND UNIPROT INFORMATION

|             |         |
|-------------|---------|
| NCBI GI #   | 2492627 |
| NCBI GeneID | 2898    |

|                                  |                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt Accession #              | <a href="#">Q13002</a> ; <a href="#">Q8WWS1</a> ; <a href="#">Q96KS6</a> ; <a href="#">Q96KS7</a> ; <a href="#">Q96KS8</a> ; <a href="#">A6NMY9</a> ; <a href="#">B5MCV0</a> ; <a href="#">D7RWZ3</a> ; <a href="#">D7RWZ4</a> ; <a href="#">D7RWZ5</a> ; <a href="#">D7RWZ6</a> ; <a href="#">D7RWZ7</a> |
| Molecular Weight                 | 908                                                                                                                                                                                                                                                                                                       |
| NCBI Official Full Name          | Glutamate receptor ionotropic, kainate 2                                                                                                                                                                                                                                                                  |
| NCBI Official Synonym Full Names | glutamate receptor, ionotropic, kainate 2                                                                                                                                                                                                                                                                 |
| NCBI Official Symbol             | GRIK2                                                                                                                                                                                                                                                                                                     |
| NCBI Official Synonym Symbols    | EAA4; GLR6; MRT6; GLUK6; GLUR6; GluK2                                                                                                                                                                                                                                                                     |
| NCBI Protein Information         | glutamate receptor ionotropic, kainate 2; gluR-6; bA487F5.1; glutamate receptor 6; glutamate receptor form A; glutamate receptor form B; glutamate receptor form C; glutamate receptor form D; glutamate receptor form E; excitatory amino acid receptor 4                                                |
| UniProt Protein Name             | Glutamate receptor ionotropic, kainate 2                                                                                                                                                                                                                                                                  |
| UniProt Gene Name                | <b>GRIK2</b>                                                                                                                                                                                                                                                                                              |
| UniProt Synonym Gene Names       | GLUR6; GluK2; EAA4; GluR-6; GluR6                                                                                                                                                                                                                                                                         |
| UniProt Entry Name               | GRIK2_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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/grik2-antibody-immunohistochemistry-elisa/293743>