

## Rabbit GRID2 Polyclonal Antibody | anti-GRID2 antibody

GRID2 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                                |
|-----------|--------|-------------------|-----------------------------------------------------------------------------|
| AAA324285 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Immunocytochemistry, Immunofluorescence, Western Blot |

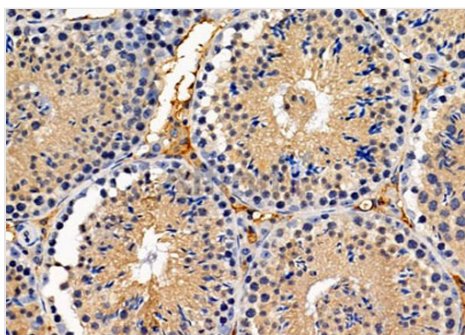
### PRODUCT SYNONYMS

GRID2; Polyclonal Antibody; GRID2 Antibody; delta-2; GluD2; GLUR D2; GluR delta 2; GluR delta-2 subunit; GLURD 2; GLURD2; Glutamate receptor delta 2 subunit; Glutamate receptor ionotropic; Glutamate receptor ionotropic delta 2; GRID 2; Grid2; GRID2\_HUMAN; MGC117022; MGC117023; MGC117024; anti-GRID2 antibody

### PRODUCT SPECIFICATIONS

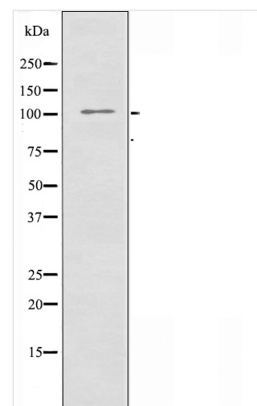
|                                                 |                                                                                                          |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                   |
| Reactivity                                      | Human, Mouse, Rat                                                                                        |
| Clonality                                       | Polyclonal                                                                                               |
| Isotype                                         | IgG                                                                                                      |
| Purity/Purification                             | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.            |
| Form/Format                                     | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.            |
| Concentration                                   | ~1mg/ml (varies by lot)                                                                                  |
| Sequence Length                                 | 912                                                                                                      |
| Applicable Applications for anti-GRID2 antibody | IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)        |
| Immunogen                                       | A synthesized peptide derived from human GRID2, corresponding to a region within C-terminal amino acids. |
| Preparation and Storage                         | Store at -20 degrees C. Stable for 12 months from date of receipt.                                       |

### IMAGES



#### IHC (Immunohistochemistry)

AAA324285 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4 degrees C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.



#### WB (Western Blot)

Western blot analysis of extracts from HepG2, using GRID2 Ab. Lane 1 was treated with the blocking peptide.

NCBI AND UNIPROT INFORMATION

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | 558472748                                          |
| NCBI GeneID                      | 2895                                               |
| NCBI Accession #                 | NP_001273767.1                                     |
| NCBI GenBank Nucleotide #        | NM_001286838.1                                     |
| UniProt Accession #              | O43424; Q4KKU8; Q4KKU9; Q4KKV0; Q59FZ1; E9PH24     |
| Molecular Weight                 | Observed: 113 kD<br>Predicted: 114 kDa             |
| NCBI Official Full Name          | glutamate receptor ionotropic, delta-2 isoform 2   |
| NCBI Official Synonym Full Names | glutamate ionotropic receptor delta type subunit 2 |
| NCBI Official Symbol             | GRID2                                              |
| NCBI Official Synonym Symbols    | GluD2; SCAR18                                      |
| NCBI Protein Information         | glutamate receptor ionotropic, delta-2             |
| UniProt Protein Name             | Glutamate receptor ionotropic, delta-2             |
| UniProt Gene Name                | GRID2                                              |
| UniProt Synonym Gene Names       | GLURD2; GluD2; GluR delta-2 subunit                |

**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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