

## ARG58893 anti-Glycine Receptor alpha 2 antibody

Package: 100 µl  
Store at: -20°C

### Summary

|                     |  |
|---------------------|--|
| Product Description | Rabbit Polyclonal antibody recognizes Glycine Receptor alpha 2   |
| Tested Reactivity   | Hu, Ms, Rat  |
| Tested Application  | WB   |
| Host                | Rabbit   |
| Clonality           | Polyclonal   |
| Isotype             | IgG  |
| Target Name         | Glycine Receptor alpha 2   |
| Species             | Human  |
| Immunogen           | Recombinant fusion protein corresponding to aa. 350-420 of Human Glycine Receptor alpha 2 (NP_002054.1). |
| Conjugation         | Un-conjugated  |
| Alternate Names     | GLR; Glycine receptor subunit alpha-2  |

### Application Instructions

| Application table | <table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> </table>                              | Application | Dilution | WB | 1:500 - 1:2000 |
|-------------------|--|-------------|----------|----|----------------|
| Application       | Dilution   |             |          |    |                |
| WB                | 1:500 - 1:2000   |             |          |    |                |
| Application Note  | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |             |          |    |                |
| Positive Control  | Mouse spinal cord  |             |          |    |                |
| Observed Size     | 52 kDa   |             |          |    |                |

### Properties

|                     |   |
|---------------------|---|
| Form                | Liquid  |
| Purification        | Affinity purified.  |
| Buffer              | PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.  |
| Preservative        | 0.02% Sodium azide  |
| Stabilizer          | 50% Glycerol  |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note                | For laboratory research only, not for drug, diagnostic or other use.  |

Bioinformation

|                       |   |
|-----------------------|---|
| Gene Symbol           | GLRA2   |
| Gene Full Name        | glycine receptor, alpha 2   |
| Background            | The glycine receptor consists of two subunits, alpha and beta, and acts as a pentamer. The protein encoded by this gene is an alpha subunit and can bind strychnine. Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jan 2010] |
| Function              | The glycine receptor is a neurotransmitter-gated ion channel. Binding of glycine to its receptor increases the chloride conductance and thus produces hyperpolarization (inhibition of neuronal firing). [UniProt]  |
| Calculated Mw         | 52 kDa  |
| Cellular Localization | Cell junction, Cell membrane, Multi-pass membrane protein, postsynaptic cell membrane, synapse. [UniProt]   |

Images

