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| <b>Product name:</b>     | GABA A receptor alpha-2                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Cat number:</b>       | AB-83890                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Size:</b>             | 100 ul                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Clone:</b>            | POLY                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Host:</b>             | Rb                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Isotype:</b>          | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Immunogen:</b>        | A synthetic peptide corresponding to a sequence within amino acids 300-400 of human GABRA2.                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Reactivity:</b>       | Hu, Ms,                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Applications:</b>     | Western Blot: 1:500 - 1:2000                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Molecular Weight:</b> | 50kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Purification:</b>     | Purified                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Buffer:</b>           | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage:</b>          | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Background:</b>       | <p>GABA is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors, which are ligand-gated chloride channels. Chloride conductance of these channels can be modulated by agents such as benzodiazepines that bind to the GABA-A receptor. At least 16 distinct subunits of GABA-A receptors have been identified. Alternatively, spliced transcript variants encoding different isoforms have been found for this gene.</p> |