

## Product datasheet for TA326472

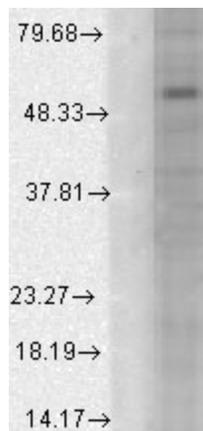
### GABA A Receptor alpha 1 (GABRA1) Mouse Monoclonal Antibody [Clone ID: S95-35]

#### Product data:

|                     |  |
|---------------------|--|
| Product Type:       | Primary Antibodies   |
| Clone Name:         | S95-35   |
| Applications:       | WB   |
| Recommend Dilution: | WB: 1-10ug/ml, IHC: 0.1-1.0ug/ml, IF: 1.0-10ug/ml  |
| Reactivity:         | Human, Mouse, Rat  |
| Host:               | Mouse  |
| Isotype:            | IgG2a  |
| Clonality:          | Monoclonal   |
| Immunogen:          | Fusion protein amino acids 355-394 of mouse GABA-A-R-Alpha1  |
| Formulation:        | PBS pH7.4, 50% glycerol, 0.09% sodium azide  |
| Concentration:      | 1 mg/ml  |
| Purification:       | Protein G Purified   |
| Gene Name:          | gamma-aminobutyric acid type A receptor alpha1 subunit   |
| Database Link:      | <a href="#">NP_000797 Entrez Gene 14394 Mouse</a> <a href="#">Entrez Gene 29705 Rat</a> <a href="#">Entrez Gene 2554 Human</a>   |
| Background:         | The GABA-A receptor is a member of the superfamily of fast acting ligand-gated ion channels. The individual subunits of these receptors have similar sequences and structural features . GABA-A receptors are the major fast inhibitory neurotransmitter gated ion channels in the brain . |
| Synonyms:           | ECA4; EIEE19; EJM; EJM5  |
| Note:               | Detects ~55kDa. No cross-reactivity against GABA-A-R-Alpha 2 or -Alpha3.   |
| Protein Families:   | Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane  |
| Protein Pathways:   | Neuroactive ligand-receptor interaction  |



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**Product images:**

Western blot analysis of GAB (A)R, Delta in a human cell line mix using a 1:1000 dilution of the antibody