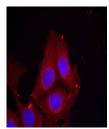
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## **Product Datasheet**

# GAP43 (Phospho-Ser41) Antibody (orb14962)

| Description            | GAP43 encoded by this gene has been termed a<br>'growth' or 'plasticity' protein because it is<br>expresse   |
|------------------------|--|
| Species/Host           | Rabbit   |
| Reactivity             | Human, Mouse, Rat  |
| Conjugation            | Unconjugated   |
| Tested<br>Applications | IF   |
| Target                 | The antibody detects endogenous level of GAP43 only when phosphorylated at Ser41   |
| Form/Appearance        | Supplied at 1.0mg/mL in phosphate-buffered<br>saline (without Mg2+ and Ca2+), pH 7.4, 150mM<br>NaCl, 0.02% sodium azide, and 50% glycerol                                      |
| Concentration          | 1mg/ml   |
| Storage                | Store at -20°C for long term preservation<br>(recommended). Store at 4°C for short term use  |
| Note                   | For research use only  |
| Protein Sequence       | Peptide sequence around phosphorylation site of<br>Ser41 (Q-A-S(p)-F-R) derived from Human GAP43   |
| Clonality              | Recombinant  |
| Purity                 | Purified by affinity-chromatography using epitope-<br>specific phosphopeptide. Non-phospho specific<br>antibodies were removed by chromatogramphy<br>using non-phosphopeptide. |
| MW                     | Predicted MW: 43kd   |
| Uniprot ID             | P17677   |
| Dilution Range         | Immunofluorescence: 1:100 - 1:200  |
| Expiration Date        | 12 months from date of receipt.  |



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