

**RASA2 rabbit pAb****Cat#: orb773676 (Manual)**

For research use only. Not intended for diagnostic use.

|                                 |                                                                                                                       |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Product Name</b>             | RASA2 rabbit pAb                                                                                                      |
| <b>Host species</b>             | Rabbit                                                                                                                |
| <b>Applications</b>             | WB;ELISA                                                                                                              |
| <b>Species Cross-Reactivity</b> | Human;Mouse;Rat                                                                                                       |
| <b>Recommended dilutions</b>    | WB 1:500-2000 ELISA 1:5000-20000                                                                                      |
| <b>Immunogen</b>                | Synthesized peptide derived from part region of human protein                                                         |
| <b>Specificity</b>              | RASA2 Polyclonal Antibody detects endogenous levels of protein.                                                       |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide..                                                       |
| <b>Storage</b>                  | Store at -20°C. Avoid repeated freeze-thaw cycles.                                                                    |
| <b>Protein Name</b>             | Ras GTPase-activating protein 2 (GAP1m)                                                                               |
| <b>Gene Name</b>                | RASA2 GAP1M RASGAP                                                                                                    |
| <b>Cellular localization</b>    | Cytoplasm. Cytoplasm, perinuclear region.                                                                             |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Clonality</b>                | Polyclonal                                                                                                            |

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| <b>Concentration</b> | 1 mg/ml |
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| <b>Observed band</b> | 93kD |
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| <b>Human Gene ID</b> | 5922 |
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|--------------------------------|--------|
| <b>Human Swiss-Prot Number</b> | Q15283 |
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| <b>Alternative Names</b> |  |
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**Background**

The protein encoded by this gene is member of the GAP1 family of GTPase-activating proteins. The gene product stimulates the GTPase activity of normal RAS p21 but not its oncogenic counterpart. Acting as a suppressor of RAS function, the protein enhances the weak intrinsic GTPase activity of RAS proteins resulting in the inactive GDP-bound form of RAS, thereby allowing control of cellular proliferation and differentiation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2014],