

# G gamma12 Rabbit pAb

Catalog # AP99392

## Product Information

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|--------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>             | WB, IHC-P, IHC-F, IF, E                                                                                                   |
| <b>Primary Accession</b>       | <a href="#">Q9UBI6</a>                                                                                                    |
| <b>Other Accession</b>         | <a href="#">Q9UBI6</a>                                                                                                    |
| <b>Host</b>                    | Rabbit                                                                                                                    |
| <b>Clonality</b>               | Polyclonal                                                                                                                |
| <b>Calculated MW</b>           | 8006                                                                                                                      |
| <b>Physical State</b>          | Liquid                                                                                                                    |
| <b>Immunogen</b>               | KLH conjugated synthetic peptide derived from human G gamma12                                                             |
| <b>Epitope Specificity</b>     | 25-55/72                                                                                                                  |
| <b>Isotype</b>                 | IgG                                                                                                                       |
| <b>Purity</b>                  | affinity purified by Protein A                                                                                            |
| <b>Buffer</b>                  | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.                                                         |
| <b>SIMILARITY</b>              | Belongs to the G protein gamma family.                                                                                    |
| <b>SUBUNIT</b>                 | G proteins are composed of 3 units, alpha, beta and gamma.                                                                |
| <b>Important Note</b>          | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| <b>Background Descriptions</b> | G gamma12 has signal transducer activity in G-protein coupled receptor protein signaling pathway.                         |

## Additional Information

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| <b>Gene ID</b>     | 55970                                                                                                                                                                                           |
| <b>Other Names</b> | HG3A; 2010305F15Rik; GBG12_HUMAN; GNG12; Q544P3_MOUSE; GBG12_MOUSE; G protein subunit gamma 12; guanine nucleotide binding protein (G protein), gamma 12                                        |
| <b>Dilution</b>    | WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000                                                                                                  |
| <b>Storage</b>     | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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| <b>Name</b>     | GNG12                                                                                                                                                                                                                  |
| <b>Function</b> | Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement |

of GDP by GTP, and for G protein-effector interaction.

**Cellular Location**

Cell membrane; Lipid-anchor; Cytoplasmic side

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.