

## Rabbit anti-Human GNAQ Polyclonal Antibody | anti-GNAQ antibody

GNAQ Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                    |
|-----------|--------|------------|-------------------------------------------------|
| AAA232509 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, ELISA |

### PRODUCT SYNONYMS

GNAQ; Polyclonal Antibody; GNAQ Antibody; Guanine nucleotide-binding protein G(q) subunit alpha; Guanine nucleotide-binding protein alpha-q; GAQ; anti-GNAQ antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                         |
| Reactivity                                     | Human                                                                                                          |
| Clonality                                      | Polyclonal                                                                                                     |
| Isotype                                        | IgG                                                                                                            |
| Purity/Purification                            | >95%, Protein G purified                                                                                       |
| Form/Format                                    | Liquid                                                                                                         |
| Sequence Length                                | 359                                                                                                            |
| Applicable Applications for anti-GNAQ antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA                                                     |
| Immunogen                                      | Recombinant Human Guanine nucleotide-binding protein G(q) subunit alpha protein (1-359AA)                      |
| Preservative                                   | 0.03% Proclin 300                                                                                              |
| Constituents                                   | 50% Glycerol, 0.01M PBS, pH 7.4                                                                                |
| Conjugation                                    | Non-conjugated                                                                                                 |
| Santa Cruz Alternative                         | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-26791 / sc-393                         |
| Preparation and Storage                        | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of MCF-7 cells using AAA232509 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA232509 at dilution of 1:100

### ADDITIONAL INFORMATION

#### Related Product Information for anti-GNAQ antibody

Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. Regulates B-cell selection and survival and is required to prevent B-cell-dependent autoimmunity. Regulates chemotaxis of BM-derived neutrophils and dendritic cells (in vitro) (By similarity).

NCBI AND UNIPROT INFORMATION

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| NCBI GI #                        | 40254462                                              |
| NCBI GeneID                      | 2776                                                  |
| NCBI Accession #                 | NP_002063.2                                           |
| NCBI GenBank Nucleotide #        | NM_002072.4                                           |
| UniProt Accession #              | P50148; O15108; Q13462; Q6NT27; Q92471; Q9BZB9        |
| Molecular Weight                 | 42,142 Da                                             |
| NCBI Official Full Name          | guanine nucleotide-binding protein G(q) subunit alpha |
| NCBI Official Synonym Full Names | G protein subunit alpha q                             |
| NCBI Official Symbol             | GNAQ                                                  |
| NCBI Official Synonym Symbols    | GAQ; SWS; CMC1; G-ALPHA-q                             |
| NCBI Protein Information         | guanine nucleotide-binding protein G(q) subunit alpha |
| UniProt Protein Name             | Guanine nucleotide-binding protein G(q) subunit alpha |
| UniProt Gene Name                | GNAQ                                                  |
| UniProt Synonym Gene Names       | GAQ                                                   |
| UniProt Entry Name               | GNAQ_HUMAN                                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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