

## Rabbit GNAI1 Polyclonal Antibody | anti-GNAI1 antibody

GNAI1 Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA311788</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

GNAI1; Polyclonal Antibody; GNAI1 Antibody; Gi; anti-GNAI1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                  |
|-------------------------------------------------|--------------------------------------------------|
| Host                                            | Rabbit                                           |
| Reactivity                                      | Human, Mouse, Rat                                |
| Clonality                                       | Polyclonal                                       |
| Purity/Purification                             | Antigen affinity purification                    |
| Form/Format                                     | pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol |
| Concentration                                   | 1.8mg/mL (varies by lot)                         |
| Applicable Applications for anti-GNAI1 antibody | IHC (Immunohistochemistry), WB (Western Blot)    |
| Immunogen                                       | Fusion protein of human GNAI1                    |
| Conjugation                                     | Unconjugated                                     |
| Preparation and Storage                         | Store at -20 degree C for 1 year.                |

### IMAGES



#### IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using (GNAI1 Antibody) at dilution 1/100.



#### SDS-PAGE

Gel: 8%SDS-PAGE, Lysate: 40 ug, Lane: SP20 cell lysate, Primary antibody:GNAI1 Antibody at dilution 1/2000, Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution, Exposure time: 1 minute

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GNAI1 antibody | Guanine nucleotide binding proteins are heterotrimeric signal-transducing molecules consisting of alpha, beta, and gamma subunits. The alpha subunit binds guanine nucleotide, can hydrolyze GTP, and can interact with other proteins. The protein encoded by this gene represents the alpha subunit of an inhibitory complex. The encoded protein is part of a complex that responds to beta-adrenergic signals by inhibiting adenylate cyclase. Two transcript variants encoding different isoforms have been found for this gene. |
| Product Categories/Family for anti-GNAI1 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 20072862                                                                                                   |
| NCBI GeneID                      | 2770                                                                                                       |
| UniProt Accession #              | Q68CQ7; P04898; P11015; P31871; Q5U074; Q8TAN5; Q9UGA4; A8KA88; B4E2V1; C9J3A4; P63096                     |
| Molecular Weight                 | 34,775 Da                                                                                                  |
| NCBI Official Full Name          | Homo sapiens guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 1, mRNA |
| NCBI Official Synonym Full Names | G protein subunit alpha i1                                                                                 |
| NCBI Official Symbol             | GNAI1                                                                                                      |
| NCBI Official Synonym Symbols    | Gi                                                                                                         |
| NCBI Protein Information         | guanine nucleotide-binding protein G(i) subunit alpha-1                                                    |
| UniProt Protein Name             | Glycosyltransferase 8 domain-containing protein 1                                                          |
| UniProt Gene Name                | GLT8D1                                                                                                     |
| UniProt Synonym Gene Names       | GALA4A                                                                                                     |
| UniProt Entry Name               | GL8D1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/gnai1-antibody-immunohistochemistry-western-blot-elisa/311788>