

## Rabbit GNAI2 Polyclonal Antibody | anti-GNAI2 antibody

GNAI2 antibody - C-terminal region

| CATALOG # | HOST   | REACTIVITY                                                                     | APPLICATIONS |
|-----------|--------|--------------------------------------------------------------------------------|--------------|
| AAA200390 | Rabbit | Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish | Western Blot |

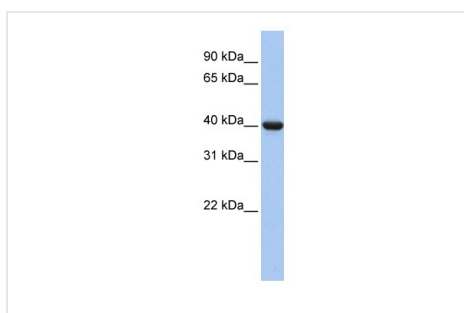
### PRODUCT SYNONYMS

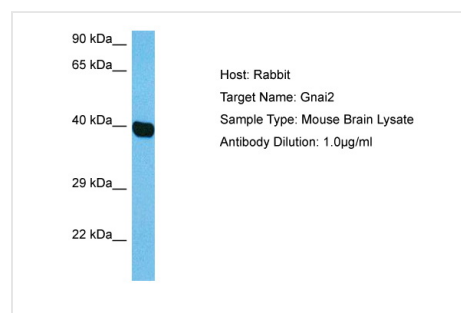
GNAI2; Polyclonal Antibody; GNAI2 antibody - C-terminal region; anti-GNAI2 antibody

### PRODUCT SPECIFICATIONS

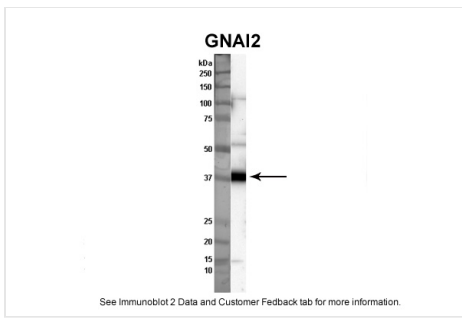
|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish                                                                        |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Purity/Purification                             | Affinity Purified                                                                                                                                     |
| Form/Format                                     | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                        | Synthetic peptide with the following sequence: EY TGANKYDEAA SYIQSKFEDL NKRKDTKEY THFTCATDTK NVQVFDA                                                  |
| Sequence Length                                 | 355                                                                                                                                                   |
| Applicable Applications for anti-GNAI2 antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                        | Cow: 100%; Dog: 93%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 93%        |
| Immunogen                                       | The immunogen is a synthetic peptide directed towards the C terminal region of human GNAI2                                                            |
| Preparation and Storage                         | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

WB Suggested Anti-GNAI2 Antibody Titration: 0.2-1 ug/ml  
ELISA Titer: 1:62500  
Positive Control: Human Lung

**WB (Western Blot)**

Host: Mouse  
Target Name: GNAI2  
Sample Tissue: Mouse Brain  
Antibody Dilution: 1ug/ml



#### WB (Western Blot)

Sample Type: human thyroidSample Type:&nbsp;Nthy-ori cell lysate (50ug)Primary  
Dilution:&nbsp;1:1000Secondary Antibody:&nbsp;anti-rabbit HRPSecondary  
Dilution:&nbsp;1:2000Image Submitted By:&nbsp;Anonymous

### ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-GNAI2 antibody</b> | This is a rabbit polyclonal antibody against GNAI2. It was validated on Western Blot using a cell lysate as a positive control.                                                                                                                                                                         |
|                                                            | Target Description: Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. The G(i) proteins are involved in hormonal regulation of adenylate cyclase: they inhibit the cyclase in response to beta-adrenergic stimuli. |
| <b>Product Categories/Family for anti-GNAI2 antibody</b>   | Polyclonal; Lymphocyte Signaling; Chromatin & Nuclear Signaling; Signal Transduction; Membrane & Traffic; DNA/RNA/Protein Interactions; Axon Guidance; GPCR                                                                                                                                             |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| NCBI GI #                        | 4504041                                                           |
| NCBI GeneID                      | 2771                                                              |
| NCBI Accession #                 | NP_002061                                                         |
| NCBI GenBank Nucleotide #        | NM_002070                                                         |
| UniProt Accession #              | P04899                                                            |
| Molecular Weight                 | 40kDa                                                             |
| NCBI Official Full Name          | guanine nucleotide-binding protein G(i) subunit alpha-2 isoform 1 |
| NCBI Official Synonym Full Names | G protein subunit alpha i2                                        |
| NCBI Official Symbol             | GNAI2                                                             |
| NCBI Official Synonym Symbols    | GIP; GNAI2B; H_LUCA15.1; H_LUCA16.1                               |
| NCBI Protein Information         | guanine nucleotide-binding protein G(i) subunit alpha-2           |
| UniProt Protein Name             | Guanine nucleotide-binding protein G(i) subunit alpha-2           |
| UniProt Gene Name                | <b>GNAI2</b>                                                      |
| UniProt Synonym Gene Names       | GNAI2B                                                            |
| UniProt Entry Name               | GNAI2_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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gnai2-antibody-western-blot-elisa/200390>