

Datasheet for ABIN2467820  
**anti-GNAI3 antibody (C-Term)**



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1 Image

## Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 0.05 mg                              |
| Target:              | GNAI3                                |
| Binding Specificity: | C-Term                               |
| Reactivity:          | Human, Rat, Mouse                    |
| Host:                | Chicken                              |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This GNAI3 antibody is un-conjugated |
| Application:         | Immunocytochemistry (ICC)            |

## Product Details

|               |                                 |
|---------------|---------------------------------|
| Immunogen:    | C-terminal peptide (KNNLKECGLY) |
| Purification: | Antigen affinity-purified       |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | GNAI3                                                                                                                                                                                                                                                                                                                                                       |
| Alternative Name: | GNAI3 ( <a href="#">GNAI3 Products</a> )                                                                                                                                                                                                                                                                                                                    |
| Background:       | <p>GNalpha3, Guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3. Galphai3 is the a subunit of inhibitory trimeric G protein (Gi), which inhibits adenylate cyclase following its G-protein coupled receptors (GPCR) such as a2-adrenergic receptors are activated. Galphai3 can be inactivated by pertussis toxin.</p> |
| Molecular Weight: | 40.4 kDa (calculated)                                                                                                                                                                                                                                                                                                                                       |

### Target Details

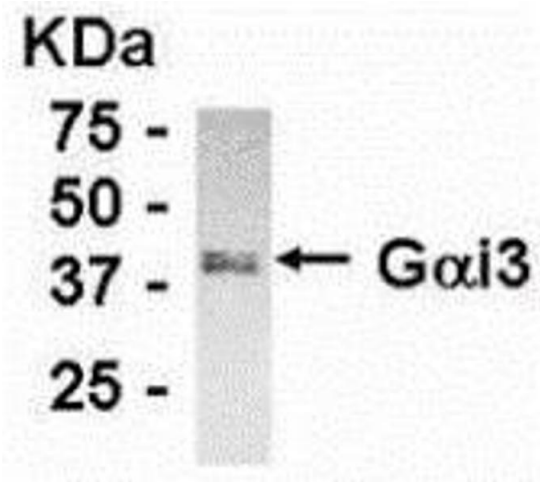
|                 |                                                                                    |
|-----------------|------------------------------------------------------------------------------------|
| Gene ID:        | 2773                                                                               |
| NCBI Accession: | <a href="#">NP_006487</a>                                                          |
| UniProt:        | <a href="#">P08754</a>                                                             |
| Pathways:       | <a href="#">cAMP Metabolic Process</a> , <a href="#">G-protein mediated Events</a> |

### Application Details

|                    |                                                                                                     |
|--------------------|-----------------------------------------------------------------------------------------------------|
| Application Notes: | Gai3 antibody can be used for the detection of Gai3 by ICC, may also work for IHC and Western blot. |
| Restrictions:      | For Research Use only                                                                               |

### Handling

|                  |                                                                                                                                                    |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Liquid                                                                                                                                             |
| Concentration:   | 1 mg/mL                                                                                                                                            |
| Buffer:          | Phosphate-Buffered Saline. No preservatives added.                                                                                                 |
| Preservative:    | Without preservative                                                                                                                               |
| Handling Advice: | As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |
| Storage:         | 4 °C/-20 °C                                                                                                                                        |
| Storage Comment: | GNAI3 antibody can be stored at 4 °C for short term (weeks). Long term storage should be at -20 °C.                                                |



Western Blotting

Image 1.