

**GNAI2 Rabbit mAb [y067]**

**Cat NO. :A49490**

**Information:**

| Applications | Reactivity:         | UniProt ID: | MW(kDa) | Host   | Isotype | Size             |
|--------------|---------------------|-------------|---------|--------|---------|------------------|
| WB IHC       | Human,Mouse,R<br>at | P04899      | 40kDa   | Rabbit | IgG     | 50ul,100ul,200ul |

**Applications detail:**

| Application  | Dilution    |
|--|-------------|
| WB   | 1:1000-2000 |
| IHC  | 1:100       |
| The optimal dilutions should be determined by the end user |             |

**Conjugate:**

UnConjugate

**Form:**

Liquid

**sensitivity:**

Endogenous

**Purification:**

Affinity-chromatography

**Specificity:**

Antibody is produced by immunizing animals with A synthesized peptide derived from human GNAI2

**Storage buffer and conditions:**

Antibody store in 10 mM PBS, 0.5mg/ml BSA, 50% glycerol (buffer) .

Shipped at 4°C. Store at-20°C or -80°C.

Products are valid for one natural year of receipt.Avoid repeated freeze / thaw cycles.

**Tissue specificity:**

**Subcellular location:**

Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cell membrane.

Membrane,Lipid-anchor.

**Function:**

**Introduction:** **WB:** Western Blot **IP:** Immunoprecipitation **IHC:** Immunohistochemistry **ChIP:** Chromatin Immunoprecipitation **ICC/IF:** Immunocytochemistry/Immunofluorescence **F:** Flow Cytometry

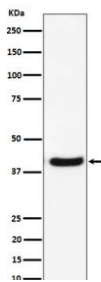
**Cross Reactivity:** **H:** human **M:** mouse **R:** rat **Hm:** hamster **Mk:** monkey **Vir:** virus **Ml:** mink **C:** chicken **Dm** D. melanogaster **X:** Xenopus **Z:** zebrafish **B:** bovine  
**Dg:** dog **Pg:** pig **Hr:** horse

**For Research Use Only. Not For Use In Diagnostic Procedures.**

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 adenylyate cyclase: they inhibit the cyclase in response to beta-adrenergic stimuli. May play a role in cell division.., [Isoform sGi2]: Regulates the cell surface density of dopamine receptors DRD2 by sequestering them as an intracellular pool..

## Validation Data:

### GNAI2 Rabbit mAb [y067] Images



Western blot ( SDS PAGE ) analysis of extracts from U-87 MG cell lysate.Using GNAI2 Rabbit mAb [y067]at dilution of 1:1000 incubated at 4°C over night.

View more information on <http://naturebios.com>

**IMPORTANT:** For western blots, incubate membrane with diluted primary antibody in 1% w/v Milk, 1X TBST at 4°C overnight.