

À des fins de recherche uniquement

# Anticorps Monoclonal anti-GNAI2

Numéro de catalogue: 67007-1-Ig 1 Publications



## Informations de base

|                           |  |                                |   |                          |                             |
|---------------------------|--|--------------------------------|---|--------------------------|-----------------------------|
| Numéro de catalogue:      | 67007-1-Ig   | Numéro d'acquisition GenBank:  | BC012138  | Méthode de purification: | Purification par protéine G |
| Taille:                   | 150ul , Concentration: 2100 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard; | Identification du gène (NCBI): | 2771  | CloneNo.:                | 3F6H5                       |
| Hôte:                     | Mouse  | Nom complet:                   | guanine nucleotide binding protein (GWB 1:2000-1:6000 protein), alpha inhibiting activity polypeptide 2 | Dilutions recommandées:  | IF 1:50-1:500               |
| Isotype:                  | IgG1   | MW calculé                     | 41 kDa  |                          |                             |
| Immunogen Catalog Number: | AG28560  | MW observés:                   | 37 kDa  |                          |                             |

## Applications

|                          |                     |                     |   |
|--------------------------|---------------------|---------------------|---|
| Applications testées:    | IF, WB, ELISA       | Contrôles positifs: |   |
| Demandes citées:         | WB                  | WB :                | cellules HL-60, cellules C6, cellules RAW 264.7, cellules U-937 |
| Spécificité de l'espèce: | Humain, rat, souris | IF :                | cellules A431,  |
| Espèces citées:          | Lapin               |                     |   |

## Informations générales

GNAI2, also named as GNAI2B, belongs to the G-alpha family. G(i/o/t/z) subfamily. 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. GNAI2 is 93% homolog to GNAI1, 94% to GNAI3, 85% to GNAT3, 82% to GNAT2.

## Publications notables

| Autrice       | Pubmed ID | Journal       | Application |
|---------------|-----------|---------------|-------------|
| Shuaishuai Hu | 34440304  | Genes (Basel) | WB          |

## Stockage

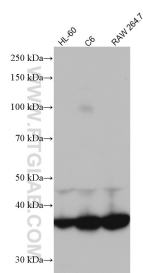
Stockage:  
Stocker à -20°C. Stable pendant un an après l'expédition.  
Tampon de stockage:  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

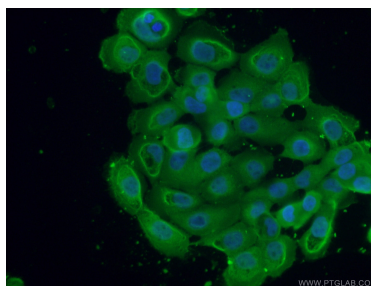
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## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 67007-1-Ig (GNAI2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using 67007-1-Ig (GNAI2 antibody) at dilution of 1:100 and Coralite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).