For Research Use Only

CoraLite®594-conjugated GNAI2 Monoclonal antibody

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Catalog Number:CL594-67007

Basic Information

Catalog Number:
CL594-67007

Size:
1000 μg/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG28560

GenBank Accession Number:
BC012138

GeneID (NCBI):
2771

UNIPROT ID:
P04899

Full Name:
guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2

Calculated MW:
41 kDa

Observed MW:
35-40 kDa

Purification Method:
Protein G purification

CloneNo.:
3F6H5

Recommended Dilutions:
IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:
588 nm / 604 nm

Applications

Tested Applications:
IF/ICC

Species Specificity:
Human, mouse, rat

Positive Controls:

IF/ICC : A431 cells,

Background Information

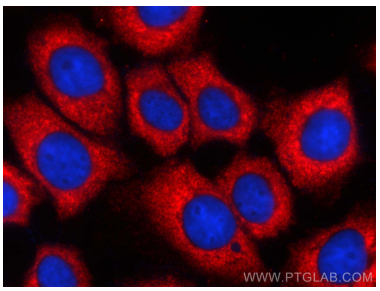
GNAI2, also named as GNAI2B, belongs to the G-alpha family. G(i/o/t/z) subfamily. Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. The G(i) proteins are involved in hormonal regulation of adenylate cyclase: they inhibit the cyclase in response to beta-adrenergic stimuli. GNAI2 is 93% homolog to GNAI1, 94% to GNAI3, 85% to GNAT3, 82% to GNAT2.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using CoraLite®594 GNAI2 antibody (CL594-67007, Clone: 3F6H5) at dilution of 1:200.