

For Research Use Only

GNAI2 Monoclonal antibody, PBS Only



Catalog Number: 67007-1-PBS

Basic Information

Catalog Number: 67007-1-PBS	GenBank Accession Number: BC012138	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 2771	CloneNo.: 3F6H5
Source: Mouse	UNIPROT ID: P04899	
Isotype: IgG1	Full Name: guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2	
Immunogen Catalog Number: AG28560	Calculated MW: 41 kDa	
	Observed MW: 37 kDa	

Applications

Tested Applications:
WB,IF,ELISA

Species Specificity:
Human, mouse, rat

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only

For technical support and original validation data for this product please contact:

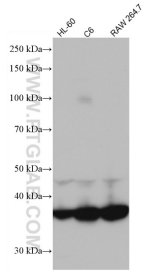
T: 4006900926

E: Proteintech-CN@ptglab.com

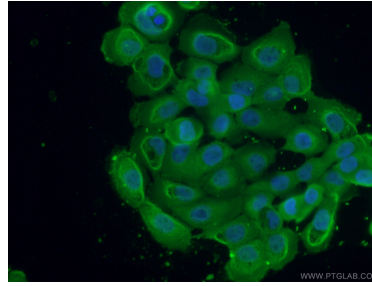
W: ptgcn.com

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Selected Validation Data



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. This data was developed using the same antibody clone with 67007-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 67007-1-PBS in a different storage buffer formulation.