

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: 100ug, Concentration: 1 mg/ml by Nanodrop;	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

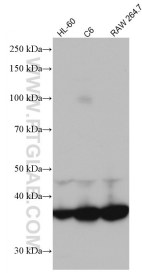
Storage:
Store at -80°C.

Storage Buffer:
PBS only

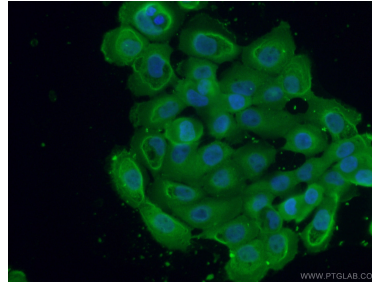
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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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.