

GNAI2 Monoclonal antibody

 Catalog Number: 67007-1-Ig 1 Publications

Basic Information

Catalog Number: 67007-1-Ig	GenBank Accession Number: BC012138	Purification Method: Protein A purification
Size: 2100 µg/ml	GeneID (NCBI): 2771	CloneNo.: 3F6H5
Source: Mouse	UNIPROT ID: P04899	Recommended Dilutions: WB 1:2000-1:6000 IF 1:50-1:500
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: 35-40 kDa	

Applications

Tested Applications: IF/ICC, WB, ELISA	Positive Controls: WB : HL-60 cells, U-937 cells, C6 cells, RAW 264.7 cells IF : A431 cells,
Cited Applications: WB	
Species Specificity: Human, mouse, rat	
Cited Species: rabbit	

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Shuaishuai Hu	34440304	Genes (Basel)	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

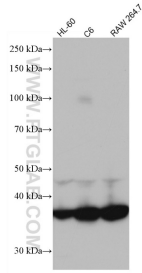
For technical support and original validation data for this product please contact:

T: 4006900926

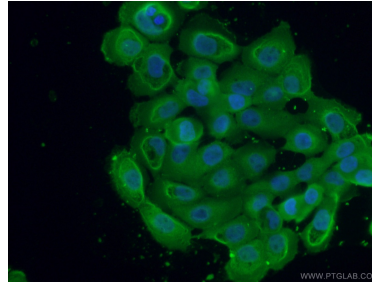
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Selected Validation Data



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.



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).