

For Research Use Only

GNAI1 Monoclonal antibody, PBS Only



Catalog Number: 68266-1-PBS

Basic Information

Catalog Number: 68266-1-PBS	GenBank Accession Number: BC026326	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2770	CloneNo.: 1G11H5
Source: Mouse	UNIPROT ID: P63096	
Isotype: IgG2b	Full Name: guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 1	
Immunogen Catalog Number: AG3290	Calculated MW: 354 aa, 40 kDa	
	Observed MW: 38-40 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Mouse, Rat, Pig, Chicken

Background Information

The guanine nucleotide-binding protein G(i), α -1 subunit (GNAI1), also known as Gai-1, belongs to the Gai family. GNAI1 is an adenylate cyclase inhibitor that modulates cAMP. GNAI1 exerts inhibitory effects on cAMP production through its interaction with GPCR and the inactivation of adenylyl cyclase (PMID: 35678269). GNAI1 has 2 isoforms with molecular weights of 35 and 40 kDa, respectively.

Storage

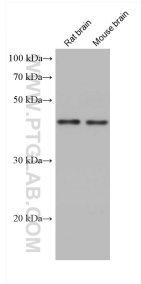
Storage:
Store at -80°C.

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68266-1-Ig (GNAI1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68266-1-PBS in a different storage buffer formulation.