

For Research Use Only

RGS4 Monoclonal antibody, PBS Only



Catalog Number: 66441-1-PBS

Basic Information

Catalog Number: 66441-1-PBS	GenBank Accession Number: BC051869	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 5999	CloneNo.: 1E2E2
Source: Mouse	UNIPROT ID: P49798	
Isotype: IgG1	Full Name: regulator of G-protein signaling 4	
Immunogen Catalog Number: AG6029	Calculated MW: 23 kDa	
	Observed MW: 34 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, rat, mouse, pig

Background Information

Regulator of G protein signaling (RGS) proteins are a large family of highly diverse, multifunctional signaling proteins. RGS4 is one of seven members of a classic R4 RGS protein that accelerates the GTPase activity of the Gai/o and Gαq/11 family members. RGS4 is highly expressed in multiple brain regions including the cerebral cortex, amygdala, hippocampus, and striatum. Extensive studies have demonstrated that RGS4 plays an important role in regulating smooth muscle contraction, cardiomyocyte development, neural plasticity and psychiatric disorders.

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:

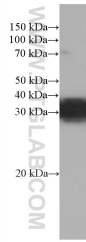
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E: Proteintech-CN@ptglab.com

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

Selected Validation Data



Neuro-2a cells were subjected to SDS PAGE followed by western blot with 66441-1-Ig (RGS4 Antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66441-1-PBS in a different storage buffer formulation.