

For Research Use Only

RGS8 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 88102-1-PBS



Basic Information

Catalog Number: 88102-1-PBS	GenBank Accession Number: BC069718	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 85397	CloneNo.: 260122C3
Isotype: IgG	UNIPROT ID: P57771	
Immunogen Catalog Number: AG26535	Full Name: regulator of G-protein signaling 8	
	Calculated MW: 198 aa, 23 kDa	
	Observed MW: 18-20 kDa	

Applications

Tested Applications:
WB, IF-P, Sandwich ELISA, Indirect ELISA

Species Specificity:
human, mouse, rat, pig

Background Information

RGS8 is a member of the regulator of G protein signaling (RGS) family and encodes a protein with a single RGS domain. Regulator of G protein signaling (RGS) proteins are regulatory and structural components of G protein-coupled receptor complexes. They accelerate transit through the cycle of GTP binding and hydrolysis to GDP, thereby terminating signal transduction, but paradoxically, also accelerate receptor-stimulated activation.

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, pH7.3

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

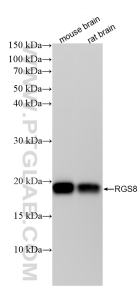
T: 4006900926

E: Proteintech-CN@ptglab.com

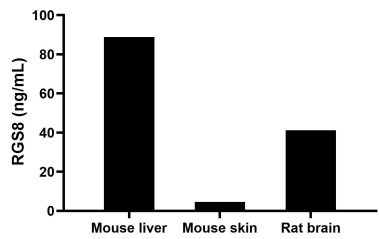
W: ptgcn.com

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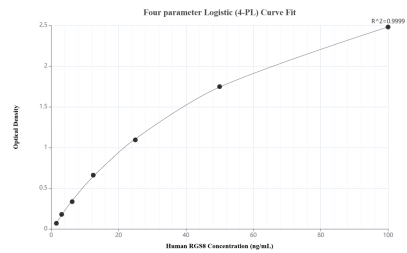
Selected Validation Data



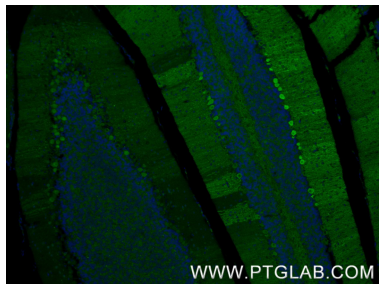
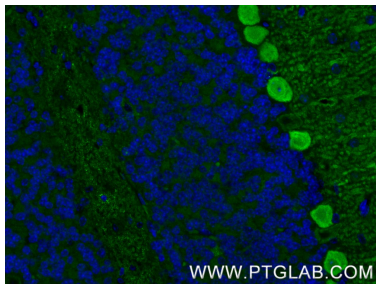
Various lysates were subjected to SDS PAGE followed by western blot with 88102-1-RR (RGS8 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88102-1-PBS in a different storage buffer formulation.



The mean RGS8 concentration was determined to be 88.79 ng/mL in mouse liver extract based on a 8.40 mg/mL extract load, 4.65 ng/mL in mouse skin extract based on a 0.90 mg/mL extract load and 41.22 ng/mL in rat brain extract based on a 3.90 mg/mL extract load.



Sandwich ELISA standard curve of MP03353-2, Human RGS8 Recombinant Matched Antibody Pair - PBS only. 88102-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag26535. 88102-3-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse cerebellum tissue using RGS8 antibody (88102-1-RR, Clone: 260122C3) at dilution of 1:200 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 88102-1-PBS in a different storage buffer formulation.

Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse cerebellum tissue using RGS8 antibody (88102-1-RR, Clone: 260122C3) at dilution of 1:200 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 88102-1-PBS in a different storage buffer formulation.