

For Research Use Only

RGS13 Polyclonal antibody, PBS Only

Catalog Number:12396-1-PBS



Basic Information

Catalog Number: 12396-1-PBS	GenBank Accession Number: BC016667	Purification Method: Antigen affinity purification
Concentration: 1 mg/ml	GeneID (NCBI): 6003	
Source: Rabbit	UNIPROT ID: O14921	
Isotype: IgG	Full Name: regulator of G-protein signaling 13	
Immunogen Catalog Number: AG3077	Calculated MW: 159 aa, 19 kDa	
	Observed MW: 17-19 kDa	

Applications

Tested Applications:
IHC, IP, Indirect ELISA

Species Specificity:
human

Background Information

Regulator of G-protein signaling 13 (RGS13) is an R4 subfamily member that attenuates both G α i and G α q-dependent signaling including chemokine responses in B cells (PMID: 11875076, PMID: 12193720). RGS13 interacted with both G α i and G α q and strongly impaired signaling through G(i)-linked signaling pathways, including signaling through the chemokine receptors CXCR4 and CXCR5 (PMID: 12193720). Human mast cells express multiple RGS proteins, of which RGS13 is among the most abundant (PMID: 19017978).

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:

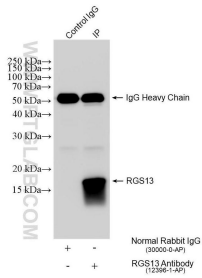
T: 4006900926

E: Proteintech-CN@ptglab.com

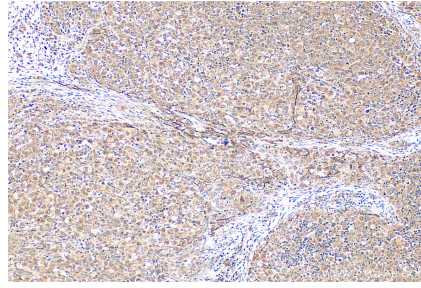
W: ptgcn.com

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Selected Validation Data



IP result of anti-RGS13 (IP:12396-1-AP, 4 μ g; Detection:12396-1-AP 1:500) with Ramos cells lysate 1680 μ g. This data was developed using the same antibody clone with 12396-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 12396-1-AP (RGS13 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 12396-1-PBS in a different storage buffer formulation.