

For Research Use Only

RGS22 Polyclonal antibody, PBS Only

Catalog Number: 28231-1-PBS



Basic Information

Catalog Number: 28231-1-PBS	GenBank Accession Number: BC092411	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 26166	
Source: Rabbit	UNIPROT ID: Q8NE09	
Isotype: IgG	Full Name: regulator of G-protein signaling 22	
Immunogen Catalog Number: AG28156	Calculated MW: 1263 aa, 147 kDa	

Applications

Tested Applications:
IHC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

The RGS22 protein (Regulator of G-protein signaling 22) belongs to the regulators of G-protein signaling (RGS) protein family and is a member of the RA/RGS subfamily. Its protein structure contains at least three conserved RGS domains. RGS22 primarily functions as a GTPase-activating protein (GAP) by binding to the G protein α subunit and enhancing its GTPase activity, thereby promoting the conversion of G proteins from an active state to an inactive state, which negatively regulates downstream signal transduction of G protein-coupled receptors.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

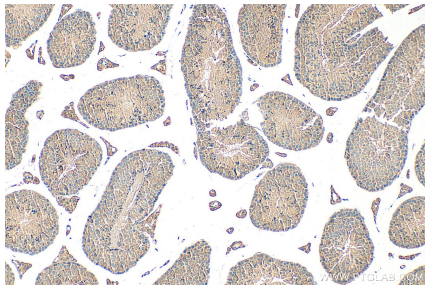
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

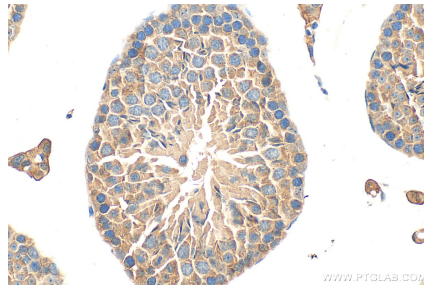
E: proteintech@ptglab.com
W: ptglab.com

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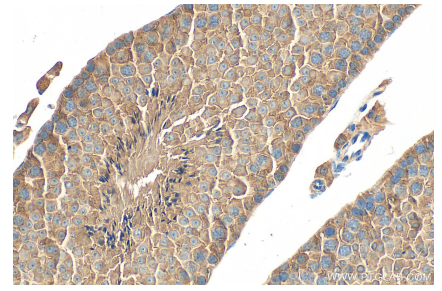
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 28231-1-AP (RGS22 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 28231-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 28231-1-AP (RGS22 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 28231-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 28231-1-AP (RGS22 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 28231-1-PBS in a different storage buffer formulation.