

For Research Use Only

# RGS16 Polyclonal antibody

Catalog Number: 10579-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 10579-1-AP	<b>GenBank Accession Number:</b> BC006243	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 167 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 6004	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O15492	
<b>Isotype:</b> IgG	<b>Full Name:</b> regulator of G-protein signaling 16	
<b>Immunogen Catalog Number:</b> AG0880	<b>Calculated MW:</b> 23 kDa	

## Applications

**Tested Applications:**  
ELISA

**Cited Applications:**  
WB, IF

**Species Specificity:**  
human

**Cited Species:**  
human, mouse

## Background Information

RGS16 belongs to the 'regulator of G protein signaling' family. The RGS proteins are a family of highly diverse, multifunctional signaling proteins found in eukaryotic species ranging from yeast to mammals. It inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits. It also may play a role in regulating the kinetics of signaling in the phototransduction cascade.

## Notable Publications

Author	Pubmed ID	Journal	Application
Miranda B Carper	25568667	Genes Cancer	WB
Nancy S Krieger	34396788	Am J Physiol Renal Physiol	WB
Yali Yan	35485167	Bioengineered	WB,IF

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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  
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## Selected Validation Data