

For Research Use Only

# RGS12 Recombinant antibody

Catalog Number: 85057-2-RR



## Basic Information

<b>Catalog Number:</b> 85057-2-RR	<b>GenBank Accession Number:</b> NM_198229	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6002	<b>CloneNo.:</b> 242530G11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O14924	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IF/ICC 1:200-1:800
<b>Isotype:</b> IgG	<b>Full Name:</b> regulator of G-protein signaling 12	
<b>Immunogen Catalog Number:</b> AG30731	<b>Calculated MW:</b> 156 kDa	
	<b>Observed MW:</b> 140-150 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> A431 cells, HepG2 cells, SH-SY5Y cells, THP-1 cells, NIH/3T3 cells, C6 cells, mouse brain tissue
	<b>IF/ICC :</b> PC-3 cells,

## Storage

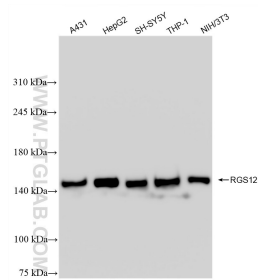
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

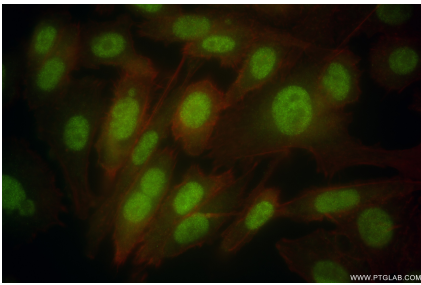
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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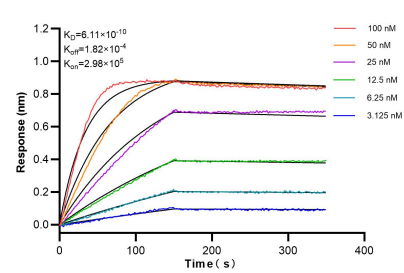
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85057-2-RR (RGS12 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed PC-3 cells using RGS12 antibody (85057-2-RR, Clone: 242530G11.) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 85057-2-RR against Human RGS12 were performed. The affinity constant is 0.611 nM.