

For Research Use Only

# GRB10 Polyclonal antibody

Catalog Number: 10028-2-AP



## Basic Information

Catalog Number:	10028-2-AP	GenBank Accession Number:	BC024285	Purification Method:	Antigen affinity purification
Size:	150ul, Concentration: 133 µg/ml by Bradford method using BSA as the standard;	GenID (NCBI):	2887	Recommended Dilutions:	WB 1:200-1:1000
Source:	Rabbit	UNIPROT ID:	Q13322		
Isotype:	IgG	Full Name:	growth factor receptor-bound protein 10		
		Calculated MW:	536aa, 61 kDa; 594aa, 67 kDa		

## Applications

Tested Applications:	WB, ELISA	Positive Controls:	
Species Specificity:	human, mouse	WB:	mouse brain tissue, mouse liver tissue

## Background Information

Growth factor receptor-bound protein 10 (GRB10) is an adapter protein which modulates coupling of a number of cell surface receptor kinases with specific signaling pathways. GRB10 has three consensus domains including pleckstrin homology (PH) domain, SH2/SH3 domain and Ras-associating domain. By binding to kinases, GRB10 suppresses signals from activated receptors tyrosine kinases, including the IRS and IRS-like growth factor (IGF1R) receptors. It may play a role in mediating IRS-stimulated ubiquitination of IRS, leading to proteasomal degradation.

## Storage

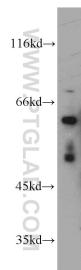
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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

For technical support and original validation data for this product please contact:  
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in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 10028-2-AP (GRB10 antibody) at dilution of 1:100 incubated at room temperature for 1.5 hours.