

For Research Use Only

GRB10 Polyclonal antibody

Catalog Number: 16622-1-AP



Basic Information

Catalog Number: 16622-1-AP	GenBank Accession Number: BC024285	Purification Method: Antigen affinity purification
Size: 140 µg/ml	GeneID (NCBI): 2887	Recommended Dilutions: WB 1:200-1:1000 IF 1:20-1:200
Source: Rabbit	UNIPROT ID: Q13322	
Isotype: IgG	Full Name: growth factor receptor-bound protein 10	
Immunogen Catalog Number: AG9921	Calculated MW: 536aa,61 kDa; 594aa,67 kDa	
	Observed MW: 65 kDa	

Applications

Tested Applications: IF/ICC, WB,ELISA	Positive Controls: WB : HepG2 cells,
Species Specificity: human, mouse, rat	IF : HepG2 cells,

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 ins (INSR) and ins-like growth factor (IGF1R) receptors. It may play a role in mediating ins-stimulated ubiquitination of INSR, 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

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

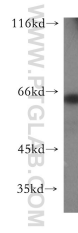
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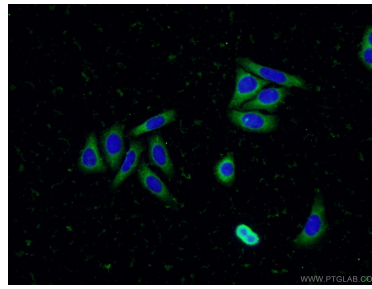
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Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 16622-1-AP (GRB10 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 16622-1-AP (GRB10 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).