

For Research Use Only

GRB10 Polyclonal antibody

Catalog Number: 28872-1-AP



Basic Information

Catalog Number: 28872-1-AP	GenBank Accession Number: BC024285	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 ug/ml by Nanodrop;	GeneID (NCBI): 2887	Recommended Dilutions: WB 1:500-1:1000 IHC 1:250-1:1000
Source: Rabbit	UNIPROT ID: Q13322	
Isotype: IgG	Full Name: growth factor receptor-bound protein 10	
	Calculated MW: 536aa,61 kDa; 594aa,67 kDa	
	Observed MW: 60-70 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: Human, Mouse	WB : BxPC-3 cells, HepG2 cells, mouse brain tissue, mouse pancreas tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human liver tissue,

Background Information

GRB10 is an adapter protein that modulates the 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 INSR and IGF1R. It may play a role in mediating ubiquitination of INSR, leading to proteasomal degradation. GRB10 has 4 isoforms with the molecular mass of 60-70 kDa, which are produced by alternative splicing.

Storage

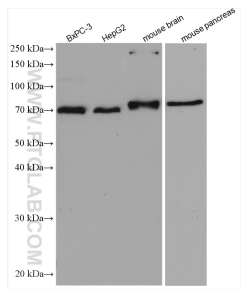
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

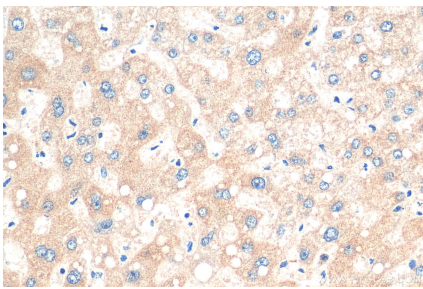
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28872-1-AP (GRB10 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 28872-1-AP (GRB10 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).