

GRB10 Polyclonal antibody

Catalog Number: 16622-1-AP

Basic Information

Catalog Number:

16622-1-AP

Size:

140 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9921

GenBank Accession Number:

BC024285

GeneID (NCBI):

2887

UNIPROT ID:

Q13322

Full Name:growth factor receptor-bound protein
10**Calculated MW:**

536aa, 61 kDa; 594aa, 67 kDa

Observed MW:

65 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IF/ICC 1:20-1:200

Applications

Tested Applications:

IF/ICC, WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HepG2 cells,

IF/ICC : 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

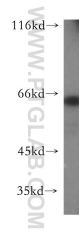
For technical support and original validation data for this product please contact:

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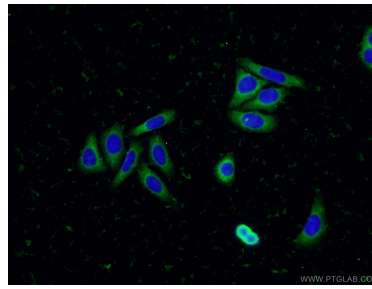
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Selected Validation Data



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).