

# GRB10 Polyclonal antibody

Catalog Number: 10027-2-AP

## Basic Information

**Catalog Number:**

10027-2-AP

**Size:**

133 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**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 1:500-1:1000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human, mouse

**Positive Controls:**

WB : mouse brain 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 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:**

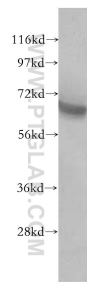
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 10027-2-AP (GRB10 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.