

## GRB10 (Phospho Ser476) Rabbit pAb

CatalogNo: YP1349

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB

#### MW

- 67kD (Observed)

#### Isotype

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

WB 1:1000-2000

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized phospho peptide around human GRB10 (Ser476)

**Specificity** This antibody detects endogenous levels of Human Mouse GRB10 (phospho-Ser476)

### Target Information

**Gene name** GRB10 GRBIR KIAA0207

**Protein Name** GRB10 (Ser476)

| Organism | Gene ID                | UniProt ID              |
|----------|------------------------|-------------------------|
| Human    | <a href="#">2887;</a>  | <a href="#">Q13322;</a> |
| Mouse    | <a href="#">14783;</a> | <a href="#">Q60760;</a> |
| Rat      |                        | <a href="#">P0CE43;</a> |

**Cellular Localization**

Cytoplasm . When complexed with NEDD4 and IGF1R, follows IGF1R internalization, remaining associated with early endosomes. Uncouples from IGF1R-containing endosomes before the sorting of the receptor to the lysosomal compartment (By similarity). .

**Tissue specificity**

Widely expressed in fetal and adult tissues, including fetal and postnatal liver, lung, kidney, skeletal muscle, heart, spleen, skin and brain.

**Function**

Alternative products:Additional isoforms seem to exist,Function:Plays a functional role in insulin and IGF-I signaling. May serve to positively link the insulin and IGF-I receptors to an uncharacterized mitogenic signaling pathway. Interacts with the cytoplasmic domain of the autophosphorylated insulin receptor which is then inhibited. The interaction is mediated by the SH2 domain. Also binds activated platelet-derived growth factor receptor and epidermal growth factor receptor.,similarity:Belongs to the GRB7/10/14 family.,similarity:Contains 1 PH domain.,similarity:Contains 1 Ras-associating domain.,similarity:Contains 1 SH2 domain.,subunit:Interacts with GIGYF1/PERQ1 and GIGYF2/TNRC15.,tissue specificity:Highly expressed in skeletal muscle.,

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## | Validation Data

## | Contact information

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**GRB10 (Phospho Ser476) Rabbit pAb**

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