

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	2887;	Q13322;
Mouse	14783;	Q60760;
Rat		P0CE43;

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.,

| Validation Data

| Contact information

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Please scan the QR code to access additional product information:
GRB10 (Phospho Ser476) Rabbit pAb

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