

FRS2- α (Phospho Tyr196) Rabbit pAb

CatalogNo: YP1345 **Orthogonal Validated** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 65kD (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 FRS2- α (Tyr196)

Specificity This antibody detects endogenous levels of Human Mouse FRS2- α (phospho-Tyr196). The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): HTyVN

Target Information

Gene name FRS2

Protein Name FRS2- α (Tyr196)

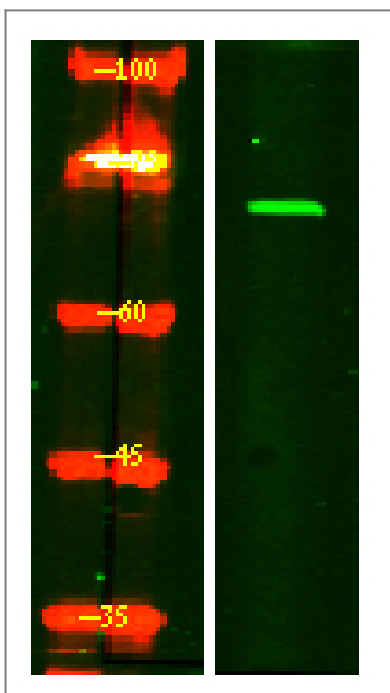
Organism	Gene ID	UniProt ID
Human	10818 ;	Q8WU20 ;
Mouse	327826 ;	Q8C180 ;

Cellular Localization Endomembrane system. Cytoplasmic , membrane-bound.

Tissue specificity Highly expressed in heart , brain , spleen , lung , liver , skeletal muscle , kidney and testis.

Function Function:Adapter protein that links FGR and NGF receptors to downstream signaling pathways. Involved in the activation of MAP kinases. Modulates signaling via SHC1 by competing for a common binding site on NTRK1. ,PTM:Phosphorylated on tyrosine residues upon stimulation by NGF. ,PTM:Ubiquitinated when tyrosine phosphorylated and in a complex with GRB2. The unphosphorylated form is not subject to ubiquitination. ,sequence Caution:Translated as stop. ,similarity:Contains 1 IRS-type PTB domain. ,subcellular location:Cytoplasmic , membrane-bound. ,subunit:Part of a complex containing FRS2 , GRB2 and SOS1. Part of a complex containing GRB2 and CBL. Binds RET (By similarity) . Binds FGFR1 , SUC1 , NTRK1 , NTRK2 , NTRK3 and SRC. The tyrosine-phosphorylated protein binds the SH2 domains of GRB2 and PTPN11. ,tissue specificity:Highly expressed in heart , brain , spleen , lung , liver , skeletal muscle , kidney and testis. ,

Validation Data



Western Blot analysis of HeLa treated or untreated by LPS lysis, using primary antibody at 1:1000 dilution. Secondary antibody (catalog#:RS23920) was diluted at 1:10000

| Contact information

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