

FRS2 Polyclonal Antibody

Catalog No: YT1792

Reactivity: Human; Mouse

Applications: WB;ELISA

Target: FRS2

Fields: >>Thermogenesis;>>Neurotrophin signaling pathway;>>Proteoglycans in

cancer

Gene Name: FRS2

Protein Name: Fibroblast growth factor receptor substrate 2

Q8WU20

Q8C180

Human Gene Id: 10818

Human Swiss Prot

No:

Mouse Gene ld: 327826

Mouse Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from human

FRS2. AA range:402-451

Specificity: FRS2 Polyclonal Antibody detects endogenous levels of FRS2 protein.

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

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

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

Observed Band: 85kD

Cell Pathway: Neurotrophin;

Background: 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,

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Sort : 6308

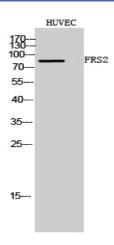
Host: Rabbit

Modifications: Unmodified

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Products Images



Western Blot analysis of HUVEC cells using FRS2 Polyclonal Antibody