

FRS2 Polyclonal Antibody

Catalog # AP69974

Product Information

Application WB
Primary Accession Q8WU20

Reactivity Human, Mouse

HostRabbitClonalityPolyclonalCalculated MW57029

Additional Information

Gene ID 10818

Other Names FRS2; Fibroblast growth factor receptor substrate 2; FGFR substrate 2;

FGFR-signaling adaptor SNT; Suc1-associated neurotrophic factor target 1;

SNT-1

Dilution WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other

applications.

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

Protein Information

Name FRS2

Function Adapter protein that links activated FGR and NGF receptors to downstream

signaling pathways. Plays an important role in the activation of MAP kinases

and in the phosphorylation of PIK3R1, the regulatory subunit of

phosphatidylinositol 3-kinase, in response to ligand-mediated activation of FGFR1. Modulates signaling via SHC1 by competing for a common binding site

on NTRK1.

Cellular Location Endomembrane system. Note=Cytoplasmic, membrane- bound

Tissue Location Highly expressed in heart, brain, spleen, lung, liver, skeletal muscle, kidney

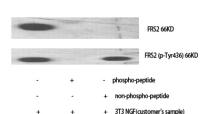
and testis

Background

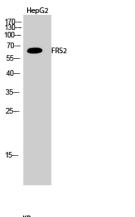
Adapter protein that links activated FGR and NGF receptors to downstream signaling pathways. Plays an

important role in the activation of MAP kinases and in the phosphorylation of PIK3R1, the regulatory subunit of phosphatidylinositol 3- kinase, in response to ligand-mediated activation of FGFR1. Modulates signaling via SHC1 by competing for a common binding site on NTRK1.

Images



Western Blot analysis of various cells using FRS2 Polyclonal Antibody diluted at 1 : 1000



Western Blot analysis of HepG2 cells using FRS2 Polyclonal Antibody diluted at 1:1000



Western blot analysis of KB lysis using FRS2 antibody. Antibody was diluted at 1:1000

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