Best Tools for immunology Research

FRS2 Polyclonal Antibody

Catalog No :	YT1791
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
Human Gene Id :	10818
Human Swiss Prot No :	Q8WU20
Mouse Gene Id :	327826
Mouse Swiss Prot No :	Q8C180
Immunogen :	The antiserum was produced against synthesized peptide derived from human FRS2. AA range:162-211
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: 1:40000. 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

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

Observed Band : 65kD

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, lung, liver, skeletal muscle, kidney and testis.,

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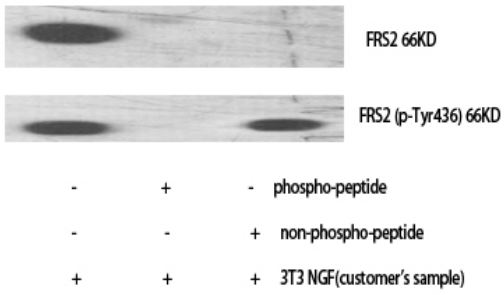
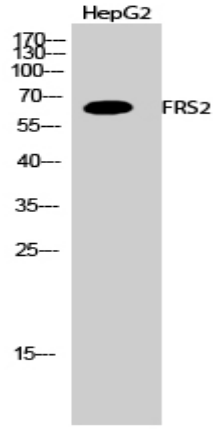
Products Images

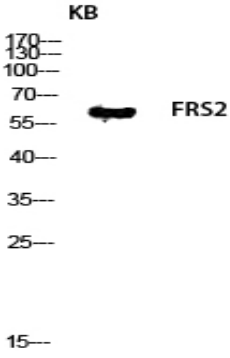
Western Blot analysis of various cells using FRS2 Polyclonal Antibody diluted at 1:1000

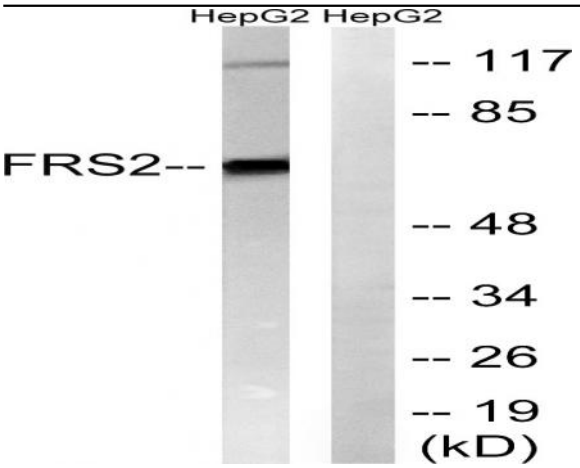


Western Blot analysis of HepG2 cells using FRS2 Polyclonal Antibody diluted at 1:1000



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





Western blot analysis of lysates from HepG2 cells, using FRS2 Antibody. The lane on the right is blocked with the synthesized peptide.