FRS2 rabbit pAb

Cat#: orb765251 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	FRS2 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
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..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Fibroblast growth factor receptor substrate 2
Gene Name	FRS2
Cellular localization	Endomembrane system. Cytoplasmic, membrane-bound.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

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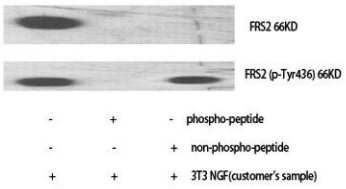
Concentration	1 mg/ml
Observed band	65kD
Human Gene ID	10818
Human Swiss-Prot Number	Q8WU20
Alternative Names	FRS2; Fibroblast growth factor receptor substrate 2; FGFR substrate 2; FGFR-signaling adaptor SNT; Suc1-associated neurotrophic factor target 1; SNT-1
Background	function:Adapter protein that 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.,



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

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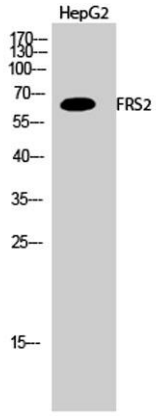
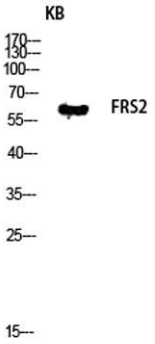
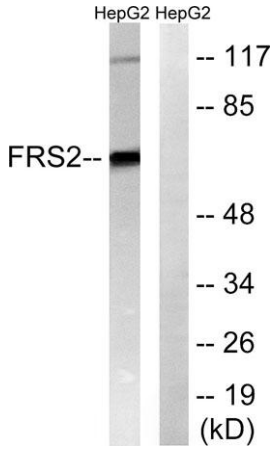


Western Blot analysis of HepG2 cells using FRS2 Polyclonal Antibody diluted at 1:1000



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.

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