



FRS2-α (phospho-Tyr196) rabbit pAb

Catalog No	YP-Ab-03621
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	FRS2
Immunogen	Synthesized phosho peptide around human FRS2-α (Tyr196)
Specificity	This antibody detects endogenous levels of Human Mouse FRS2-α (phospho-Tyr196)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:1000-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FGFR signaling adaptor SNT;FGFR signalling adaptor;FGFR substrate 2;FGFR-signaling adaptor SNT;Fibroblast growth factor receptor substrate 2;FRS 2; FRS2;FRS2_HUMAN;FRS2A;FRS2alpha;SNT 1;SNT;SNT-1;SNT1;Suc 1 Associated Neurotrophic Factor Target;Suc1 associated neurotrophic factor target 1;Suc1-associated neurotrophic factor target 1;FRS2-α (Tyr196); Fibroblast growth factor receptor substrate 2 (FGFR substrate 2) (FGFR-signaling adaptor SNT) (Suc1-associated neurotrophic factor target 1) (SNT-1)
Observed Band	65kD
Calculated Molecular Weight	65kD
Cell Pathway	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 t

Background

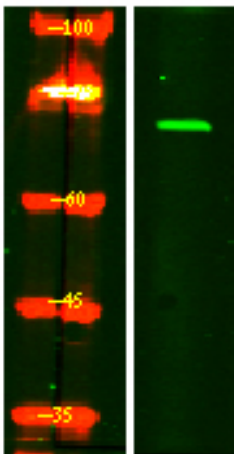
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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