

产品名称: FRS2 Rabbit Polyclonal Antibody
产品货号: APRab11158



产品概述 (Summary)

产品名称 (Production Name)	FRS2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	FRS2
别名 (Alternative Names)	FRS2; Fibroblast growth factor receptor substrate 2; FGFR substrate 2; FGFR-signaling adaptor SNT; Suc1-associated neurotrophic factor target 1; SNT-1
基因 ID (Gene ID)	10818.0
蛋白 ID (SwissProt ID)	Q8WU20.The antiserum was produced against synthesized peptide derived from human FRS2. AA range:162-211

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	65kDa

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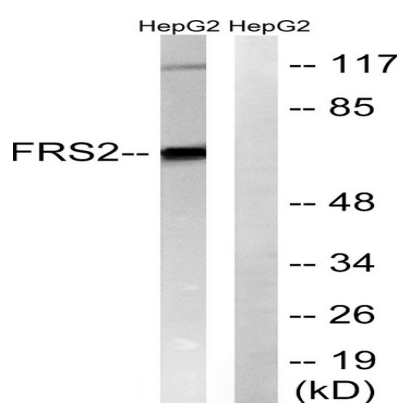
研究背景 (Background)

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.,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.,

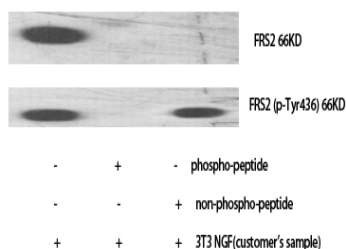
研究领域 (Research Area)

Neurotrophin;

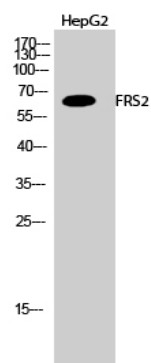
图片 (Image Data)



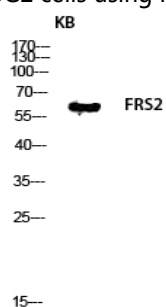
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Western Blot analysis of various cells using FRS2 Polyclonal Antibody diluted at 1: 1000



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

注意事项 (Note)

For research use only .