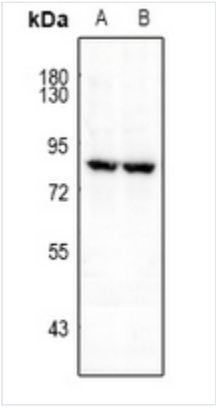
FRS2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FRS2, Polyclonal Antibody
Full Product Name	Anti-FRS2 (pY196) Antibody
Product Gene Name	anti-FRS2 antibody
Product Synonym Names	Fibroblast growth factor receptor substrate 2; FGFR substrate 2; FGFR-signaling adaptor SNT; Suc1-associated neurotrophic factor target 1; SNT-1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Molecular Weight	57,029 Da
Chromosome Location	Chromosome: 12; NC_000012.11 (69864129..69973562). Location: 12q15
OMIM	607743
3D Structure	ModBase 3D Structure for Q8WU20
Applications Tested/Suitable for anti-FRS2 antibody	Western Blot (WB)
Related Product Information for anti-FRS2 antibody	Rabbit polyclonal antibody to FRS2 (pY196) KLH-conjugated synthetic peptide encompassing a sequence within the center region of human FRS2. The exact sequence is proprietary.
Other Notes	Small volumes of anti-FRS2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FRS2 purchase	MBS9240665 is an antibody targeting FRS2. Also known as Anti-FRS2 (pY196) Antibody. Reactive in Human. Host: Rabbit.



Wester Blot (WB) of anti-FRS2 antibody
Dilution: WB (1/500 - 1/1000)Western blot analysis of FRS2 (pY196) expression in HepG2 (A), HEK293T (B) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FRS2. It may not necessarily be applicable to this product.

NCBI GI #	110347414
NCBI GeneID	10818
NCBI Accession #	NP_001036020.1
UniProt Primary Accession #	Q8WU20
UniProt Secondary Accession #	O43558; Q7LDQ6; B0LPF2; B2R684
UniProt Related Accession #	Q8WU20
GenBank Nucleotide #	NM_001042555.2
NCBI Official Full Name	fibroblast growth factor receptor substrate 2
NCBI Official Synonym Full Names	fibroblast growth factor receptor substrate 2
NCBI Official Symbol	FRS2
NCBI Official Synonym Symbols	SNT; SNT1; FRS2A; SNT-1; FRS2alpha
UniProt Protein Name	Fibroblast growth factor receptor substrate 2
UniProt Synonym Protein Names	FGFR-signaling adaptor SNT; Suc1-associated neurotrophic factor target 1
Protein Family	Fibroblast growth factor receptor substrate
UniProt Gene Name	FRS2
UniProt Synonym Gene Names	FGFR substrate 2; SNT-1
UniProt Entry Name	FRS2_HUMAN
NCBI Protein Information	fibroblast growth factor receptor substrate 2; FGFR substrate 2; FGFR signalling adaptor; FGFR-signaling adaptor SNT; suc1-associated neurotrophic factor target 1
UniProt Comments for FRS2	FRS2: an adaptor protein involved in fibroblast growth factor receptor (FGFR) signaling. Plays an important role in linking FGFR and nerve growth factor receptors with Ras/MAPK signaling pathways. Protein type: Adaptor/scaffold Chromosomal Location of Human Ortholog: 12q15 Cellular Component: membrane; integral to plasma membrane; plasma membrane; intercellular junction; endosome Molecular Function: protein binding; phosphatase activator activity; neurotrophin TRKA receptor binding; transmembrane receptor protein tyrosine kinase adaptor protein activity; insulin receptor binding; fibroblast growth factor receptor binding Biological Process: epidermal growth factor receptor signaling pathway; phosphoinositide-mediated signaling; fibroblast growth factor receptor signaling pathway; nerve growth factor receptor signaling pathway; activation of MAPKK activity; activation of MAPK activity; gastrulation with mouth forming second; regulation of epithelial cell proliferation; regulation of apoptosis; G-protein coupled receptor protein signaling pathway; determination of anterior/posterior axis, embryo; induction of an organ; neuroblast proliferation; forebrain development; insulin receptor signaling pathway; innate immune response; optic placode formation involved in camera-type eye; transmembrane receptor protein tyrosine phosphatase signaling pathway
Research Articles on FRS2	**1.** Data indicate that the FGFR/FRS2 signaling axis was generally activated in about 75% of FRS2-positive high-grade liposarcomas.

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