10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-FRS2 (pY196) Antibody

Rabbit polyclonal antibody to FRS2 (pY196)
Catalog # AP61093

Product Information

Application	WB
Primary Accession	Q8WU20
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57029

Additional Information

Gene ID	10818
Other Names	Fibroblast growth factor receptor substrate 2; FGFR substrate 2; FGFR-signaling adaptor SNT; Suc1-associated neurotrophic factor target 1; SNT-1
Target/Specificity	Recognizes endogenous levels of FRS2 (pY196) protein.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

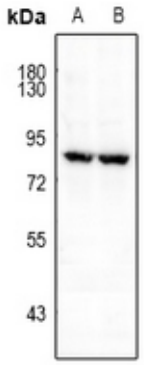
Protein Information

Name	FRS2
Function	Adapter protein that links activated FGR and NGF receptors to downstream signaling pathways. Plays an important role in the activation of MAP kinases and in the phosphorylation of PIK3R1, the regulatory subunit of phosphatidylinositol 3-kinase, in response to ligand-mediated activation of FGFR1. Modulates signaling via SHC1 by competing for a common binding site on NTRK1.
Cellular Location	Endomembrane system. Note=Cytoplasmic, membrane- bound
Tissue Location	Highly expressed in heart, brain, spleen, lung, liver, skeletal muscle, kidney and testis

Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human FRS2. The exact sequence is proprietary.

Images



Western blot analysis of FRS2 (pY196) expression in HepG2 (A), HEK293T (B) whole cell lysates.