

**FRS2 (phospho Tyr436) Polyclonal Antibody**  
**Catalog # AP67737****Specification**

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**FRS2 (phospho Tyr436) Polyclonal Antibody - Product Information**

Application	WB, IHC-P
Primary Accession	<a href="#">Q8WU20</a>
Reactivity	Human, Mouse, Monkey
Host	Rabbit
Clonality	Polyclonal

**FRS2 (phospho Tyr436) Polyclonal Antibody - Additional Information****Gene ID** 10818**Other Names**FRS2; Fibroblast growth factor receptor substrate 2; FGFR substrate 2; FGFR-signaling adaptor  
SNT; Suc1-associated neurotrophic factor target 1; SNT-1**Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

IHC-P~~N/A

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**FRS2 (phospho Tyr436) Polyclonal Antibody - 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**

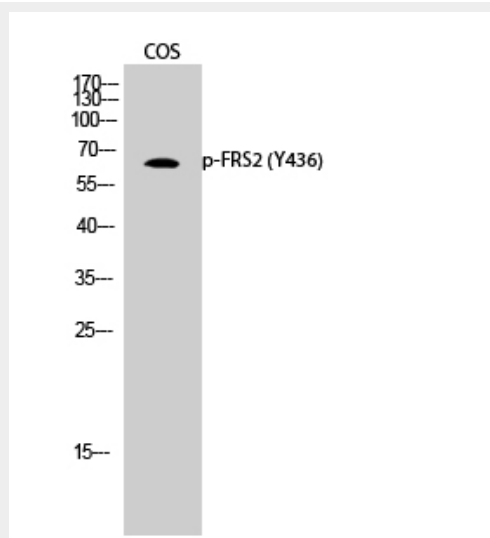
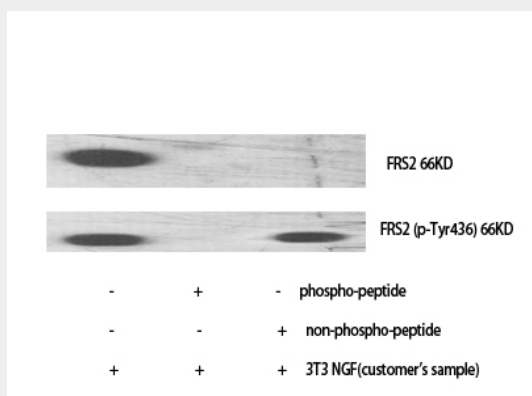
Highly expressed in heart, brain, spleen, lung, liver, skeletal muscle, kidney and testis

## FRS2 (phospho Tyr436) Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## FRS2 (phospho Tyr436) Polyclonal Antibody - Images



## FRS2 (phospho Tyr436) Polyclonal Antibody - Background

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.