

Anti-FRS2 (pY436) Antibody
Rabbit polyclonal antibody to FRS2 (pY436)
Catalog # AP60287

Specification

Anti-FRS2 (pY436) Antibody - Product Information

Application	WB, IHC
Primary Accession	Q8WU20
Other Accession	Q8C180
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57029

Anti-FRS2 (pY436) Antibody - 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

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human FRS2 (pY436). The exact sequence is proprietary.

Dilution

WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200)
IHC~~1:100~500

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

Anti-FRS2 (pY436) 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

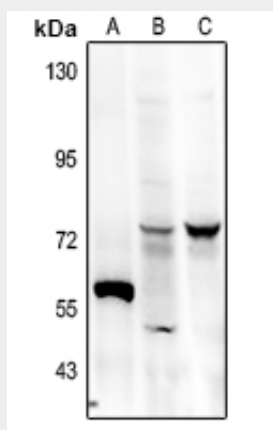
Highly expressed in heart, brain, spleen, lung, liver, skeletal muscle, kidney and testis

Anti-FRS2 (pY436) Antibody - Protocols

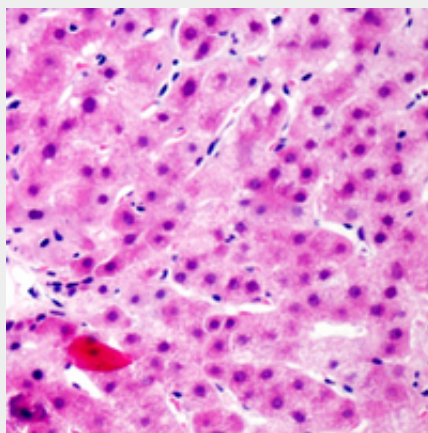
Provided below are standard protocols that you may find useful for product applications.

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

Anti-FRS2 (pY436) Antibody - Images



Western blot analysis of FRS2 (pY436) expression in U87MG (A), HeLa (B), PC12 (C) whole cell lysates.



Immunohistochemical analysis of FRS2 (pY436) staining in human liver formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room

temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Anti-FRS2 (pY436) Antibody - Background

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