

FRS2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP18833c**Specification**

FRS2 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q8WU20](#)

FRS2 Antibody (Center) Blocking Peptide - 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, FRS2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

FRS2 Antibody (Center) Blocking Peptide - 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 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

FRS2 Antibody (Center) Blocking Peptide - Images

FRS2 Antibody (Center) Blocking Peptide - Background

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.

FRS2 Antibody (Center) Blocking Peptide - References

Zhou, W., et al. Cell Res. 19(10):1165-1177(2009)Cha, J.Y., et al. J. Biol. Chem. 284(10):6227-6240(2009)Li, M., et al. J. Dermatol. Sci. 53(3):182-191(2009)Turner, S.T., et al. Hypertension 52(2):359-365(2008)Gudbjartsson, D.F., et al. Nat. Genet. 40(5):609-615(2008)