

FRS2 Blocking Peptide

Catalog # PBV10382b

Specification

FRS2 Blocking Peptide - Product Information

 Primary Accession
 Q8WU20

 Other Accession
 NP_006645.3

 Gene ID
 10818

 Calculated MW
 57029

FRS2 Blocking Peptide - Additional Information

Gene ID 10818

Application & Usage The peptide is used for blocking the

antibody activity of FRS2. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for

30-60 minutes at 37°C.

Other Names

Fibroblast growth factor receptor substrate 2, FGFR substrate 2, FGFR-signaling adaptor SNT, Suc1-associated neurotrophic factor target 1, SNT-1, FRS2

Target/Specificity

FRS2

Formulation

 $50 \mu g$ (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

FRS2 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

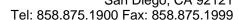
FRS2 Blocking Peptide - Protein Information

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 Blocking Peptide - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

FRS2 Blocking Peptide - Images