

# Phospho-FRS2 (Tyr-349) Polyclonal Antibody

Rabbit Polyclonal Antibody

Catalog # ABV11752

## Product Information

|                   |                        |
|-------------------|------------------------|
| Application       | WB, E                  |
| Primary Accession | <a href="#">Q8WU20</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Isotype           | Rabbit IgG             |
| Calculated MW     | 57029                  |

## Additional Information

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|--------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Gene ID                  | 10818                                                                                                                        |
| Application & Usage      | Western blot, Immunoblot: 0.5-2 µg/ml, ELISA                                                                                 |
| Alias Symbol             | FRS2                                                                                                                         |
| Other Names              | SNT-1, FRS2                                                                                                                  |
| Appearance               | Colorless liquid                                                                                                             |
| Formulation              | 100 µg (1mg/ml) of antibody in 0.01M Tris-HCl, pH 8.0, 0.15M NaCl, and 0.02% sodium azide.                                   |
| Reconstitution & Storage | -20 °C                                                                                                                       |
| Background Descriptions  |                                                                                                                              |
| Precautions              | Phospho-FRS2 (Tyr-349) Polyclonal Antibody is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                                                                                                                                                                         |

## Background

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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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.