

# Immunotag™ Phospho-FRS2 (Tyr436) Antibody

| Antibody Specification |                                                                                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No.            | ITA1235                                                                                                                                                            |
| Product Description    | Immunotag™ Phospho-FRS2 (Tyr436) Antibody                                                                                                                          |
| Size                   | 100 µg, 200 µg                                                                                                                                                     |
| Conjugation            | HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647                                      |
| IMPORTANT NOTE         | This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return. |
| Target Protein         | Phospho-FRS2 (Tyr436)                                                                                                                                              |
| Clonality              | Polyclonal                                                                                                                                                         |
| Storage/Stability      | -20°C/1 year                                                                                                                                                       |
| Application            | WB,IHC,ELISA                                                                                                                                                       |
| Recommended Dilution   | WB 1:500-1:2000 IHC 1:50-1:200                                                                                                                                     |
| Concentration          | 1 mg/ml                                                                                                                                                            |
| Reactive Species       | Human,Mouse                                                                                                                                                        |
| Host Species           | Rabbit                                                                                                                                                             |
| Immunogen              | A synthesized peptide derived from human FRS2 around the phosphorylation site of Tyrosine 436                                                                      |
| Specificity            | Phospho-FRS2 (Tyr436) Antibody detects endogenous levels of FRS2 only when phosphorylated at Tyrosine 436                                                          |
| Purification           | The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.            |
| Form                   | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt        |
| Gene Name              | FRS2                                                                                                                                                               |
| Accession No.          | Q8WU20                                                                                                                                                             |

## Antibody Specification

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| Alternate Names           | FGFR signaling adaptor SNT; FGFR signalling adaptor; FGFR substrate 2; FGFR-signaling adaptor SNT; Fibroblast growth factor receptor substrate 2; FRS 2; FRS2; FRS2_HUMAN; FRS2A; FRS2alpha; SNT 1; SNT; SNT-1; SNT1; Suc 1 Associated Neurotrophic Factor Target; Suc1 associated neurotrophic factor target 1; Suc1-associated neurotrophic factor target 1;                         |
| Description               | 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. |
| Cell Pathway/<br>Category | Primary Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                            |
| Protein MW                | 65kDa                                                                                                                                                                                                                                                                                                                                                                                  |
| Usage                     | For Research Use Only! Not for diagnostic or therapeutic procedures.                                                                                                                                                                                                                                                                                                                   |