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# Anti-FRS2 (Phospho-Y196) Antibody

Catalog # AP61093

## Product Information

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|---|---|
| **Application** | WB |
| **Primary Accession** | Q8WU20 |
| **Reactivity** | Human |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 57029 |

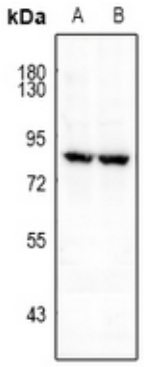
## Additional Information

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| **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 phosphopeptide corresponding to residues surrounding Y196 of human FRS2 protein. The exact sequence is proprietary. |
| **Dilution** | WB~~WB (1/500 - 1/1000) |
| **Format** | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| **Storage** | Store at -20 °C.Stable for 12 months from date of receipt |

## 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 and testis |

## Images




Western blot analysis of FRS2 (Phospho-Y196) expression in HepG2 (A), HEK293T (B) whole cell lysates. (Predicted band size: 57 kD; Observed band size: 57; 75 kD)

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