

## anti-Human, Mouse FRS2 Antibody | anti-FRS2 antibody

FRS2 (Phospho-Tyr436) Antibody

|                               |                                   |                                                                  |
|-------------------------------|-----------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA267828</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------------------|------------------------------------------------------------------|

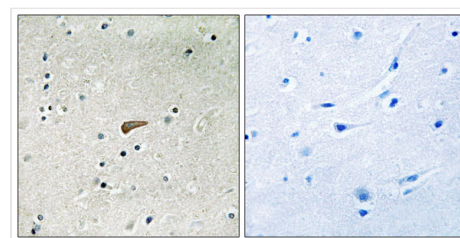
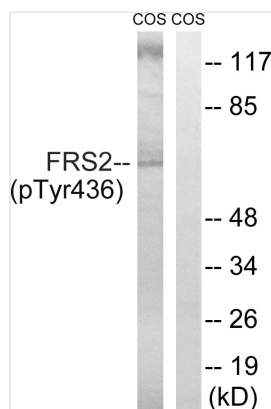
### PRODUCT SYNONYMS

FRS2; FRS2 (Phospho-Tyr436) Antibody; FGFR signalling adaptor; FGFR signalling adaptor SNT-1; SNT-1; SNT2; SUC1-associated neurotrophic factor target; Suc1-associated neurotrophic factor target; anti-FRS2 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                     |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                     | Human, Mouse                                                                                                                                                                                                                                        |
| Specificity                                    | FRS2 (Phospho-Tyr436) antibody detects endogenous levels of FRS2 only when phosphorylated at tyrosine 436.                                                                                                                                          |
| Purity/Purification                            | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site. |
| Form/Format                                    | In phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                             |
| Sequence Length                                | 508                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-FRS2 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                |
| Immunogen                                      | The antiserum was produced against synthesized phosphopeptide derived from human FRS2 around the phosphorylation site of tyrosine 436 (L-N-YP-I-Q).                                                                                                 |
| All Sites                                      | Human: Tyr436<br>Mouse: Tyr436                                                                                                                                                                                                                      |
| Preparation and Storage                        | Store at -20 degree C for 1 year.                                                                                                                                                                                                                   |

### IMAGES



Application Data  
P-peptide-+

#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using FRS2 (Phospho-Tyr436) antibody. Western blot analysis of extracts from COS cells, using FRS2 (Phospho-Tyr436) antibody.

ADDITIONAL INFORMATION

|            |                                                                                                                                       |
|------------|---------------------------------------------------------------------------------------------------------------------------------------|
| References | Xu H., J. Biol. Chem. 273:17987-17990(1998). Meakin S.O., J. Biol. Chem. 274:9861-9870(1999). Dhalluin C., Mol. Cell 6:921-929(2000). |
|------------|---------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| NCBI GI #                        | 110347414                                     |
| NCBI GeneID                      | 10818                                         |
| NCBI Accession #                 | NP_001036020.1                                |
| NCBI GenBank Nucleotide #        | NM_001042555.2                                |
| UniProt Accession #              | Q8WU20; O43558; Q7LDQ6; B0LPF2; B2R684        |
| Molecular Weight                 | 57,029 Da                                     |
| NCBI Official Full Name          | fibroblast growth factor receptor substrate 2 |
| NCBI Official Synonym Full Names | fibroblast growth factor receptor substrate 2 |
| NCBI Official Symbol             | FRS2                                          |
| NCBI Official Synonym Symbols    | SNT; SNT1; FRS1A; FRS2A; SNT-1; FRS2alpha     |
| NCBI Protein Information         | fibroblast growth factor receptor substrate 2 |
| UniProt Protein Name             | Fibroblast growth factor receptor substrate 2 |
| UniProt Gene Name                | <b>FRS2</b>                                   |
| UniProt Synonym Gene Names       | FGFR substrate 2; SNT-1                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/human-mouse-antibody/frs2/267828>