

Rabbit anti-Human FRS2 Polyclonal Antibody | anti-FRS2 antibody

FRS2 (Phospho-Tyr436) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303687	Rabbit	Human	Immunohistochemistry, Western Blot

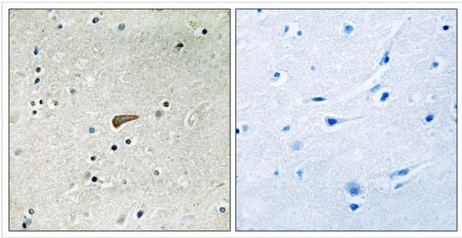
PRODUCT SYNONYMS

FRS2; Polyclonal Antibody; FRS2 (Phospho-Tyr436) Antibody; SNT-1; SNT2; FGFR signalling adaptor; anti-FRS2 antibody

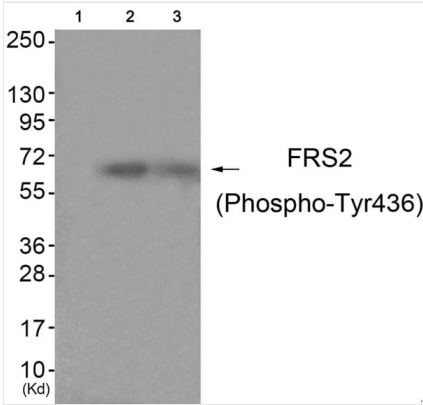
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of FRS2 only when phosphorylated at tyrosine 436.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	508
Applicable Applications for anti-FRS2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 436(L-N-Y(p)-I-Q) derived from Human FRS2.
Modification	Phospho-Tyr436
Target Name	FRS2
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human brain tissue using FRS2 (Phospho-Tyr436) antibody (left) or the same antibody preincubated with blocking peptide (right).



WB (Western Blot)
Western blot analysis of extracts from HuvEc cells (Lane 2) and JK cells (Lane 3), using FRS2 (Phospho-Tyr436) Antibody. The lane on the left is treated with antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-FRS2 antibody	FRS2 is an adaptor protein involved in fibroblast growth factor receptor (FGFR) signaling. Plays an important role in linking FGFR and nerve growth factor receptors with Ras/MAPK signaling pathways. 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).
Product Categories/Family for anti-FRS2 antibody	Phospho-specific Ab

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; 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	FRS2
UniProt Synonym Gene Names	FGFR substrate 2; SNT-1
UniProt Entry Name	FRS2_HUMAN

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.