

Rabbit anti-Human FRS3 Polyclonal Antibody | anti-FRS3 antibody

FRS3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324282	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

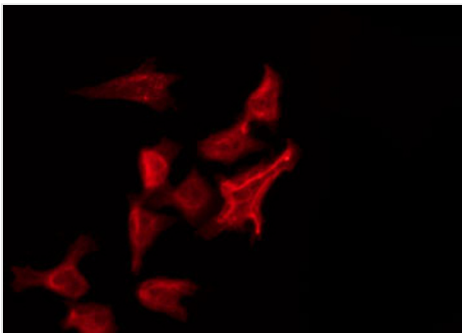
PRODUCT SYNONYMS

FRS3; Polyclonal Antibody; FRS3 Antibody; FGFR signalling adaptor SNT2; FGFR substrate 3; Fibroblast growth factor receptor substrate 3; FRS2 beta; FRS2B; FRS3 protein; MGC17167; SNT 2; Suc1 associated neurotrophic factor target 2 (FGFR signalling adaptor); Suc1 associated neurotrophic factor target 2; anti-FRS3 antibody

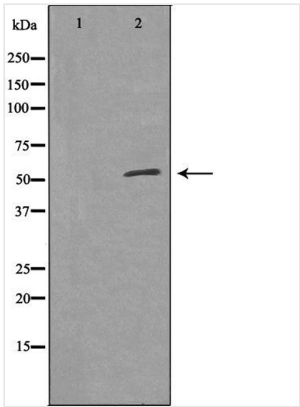
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	FRS3 antibody detects endogenous levels of total FRS3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	492
Applicable Applications for anti-FRS3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Plasma Membrane
Predicted Cross Reactivity	Bovine, Horse, Sheep
Similarity	Bovine (100%), Horse (80%), Sheep (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA324282 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from COS-7 cells, using FRS3 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-FRS3 antibody	Function: Adapter protein that links FGF and NGF receptors to downstream signaling pathways. Involved in the activation of MAP kinases. Down-regulates ERK2 signaling by interfering with the phosphorylation and nuclear translocation of ERK2. Subunit Structure: Binds NTRK1 (By similarity). Binds FGFR1, NGFR, GRB2, PTPN11 and ERK2. Post-translational Modifications: Phosphorylated by ULK2 in vitro (By similarity). Phosphorylated on tyrosine residues upon stimulation by BFGF or NGFB.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5730059
NCBI GeneID	10817
NCBI Accession #	NP_006644.1
NCBI GenBank Nucleotide #	NM_006653.4
UniProt Accession #	O43559; Q5T3D5
Molecular Weight	Observed: 54 kD Predicted: 55 kDa
NCBI Official Full Name	fibroblast growth factor receptor substrate 3
NCBI Official Synonym Full Names	fibroblast growth factor receptor substrate 3
NCBI Official Symbol	FRS3
NCBI Official Synonym Symbols	SNT2; FRS2B; SNT-2; FRS2beta; FRS2-beta
NCBI Protein Information	fibroblast growth factor receptor substrate 3
UniProt Protein Name	Fibroblast growth factor receptor substrate 3
UniProt Gene Name	FRS3
UniProt Synonym Gene Names	FGFR substrate 3; SNT-2

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.