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Rabbit Anti-FGFR substrate 3 antibody

SL10383R

Product Name:	FGFR substrate 3
Chinese Name:	纤维母细胞生长因子受体底物3抗体
Alias:	FGFR signalling adaptor SNT2; FGFR substrate 3; Fibroblast growth factor receptor substrate 3; FRS2 beta; FRS2B; FRS3; FRS3 protein; MGC17167; SNT 2; Suc1 associated neurotrophic factor target 2 (FGFR signalling adaptor); Suc1 associated neurotrophic factor target 2; FRS3_HUMAN; FGFR-signaling adaptor SNT2; Suc1-associated neurotrophic factor target 2; SNT-2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	54kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FGFR substrate 3:401-492/492
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The protein encoded by this gene is a substrate for the fibroblast growth factor receptor. It is found in peripheral plasma membrane and functions in linking FGF receptor stimulation to activators of Ras. [provided by RefSeq, Jul 2008].

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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:
Binds NTRK1. Binds FGFR1, NGFR, GRB2, PTPN11 and ERK2.

Subcellular Location:
Membrane; Lipid-anchor.

Tissue Specificity:
Phosphorylated by ULK2 in vitro. Phosphorylated on tyrosine residues upon stimulation by BFGF or NGFB.

Similarity:
Contains 1 IRS-type PTB domain.

SWISS:
O43559

Gene ID:
10817

Database links:

Entrez Gene: 10817Human

Entrez Gene: 107971Mouse

Entrez Gene: 316213Rat

Omim: 607744Human

SwissProt: O43559Human

SwissProt: Q91WJ0Mouse

SwissProt: Q52RG8Rat

Unigene: 194208Human

Unigene: 34398Rat

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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