

FRS2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03375
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human FRS2. AA range:162-211
Mol wt	57528
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	FRS2 Antibody
Synonyms	FRS2; Fibroblast growth factor receptor substrate 2; FGFR substrate 2; FGFR-signaling adaptor SNT; Suc1-associated neurotrophic factor target 1; SNT-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Fibroblast growth factor (FGF) receptor substrate 2 (FRS2) has an alternative name as SNT-1, it is an adapter protein that links activated FGR and NGF receptors to downstream signaling pathways. FGF receptor substrates (FRS2 and FRS3) are key adaptor proteins that mediate FGF-FGFR signalling in benign as well as malignant tissue. FRS2 is a 508 amino-acid protein, which is phosphorylated on tyrosine residues. The molecular weight of non-phosphorylated FRS2 is 57-68 kDa, but phosphorylated FRS2 is 80-90 kDa. Phosphorylation of FRS2 is associated with activation of a number of MAP kinases. Allele-specific regulation of FGFR2 mRNA expression with a mildly increased breast cancer risk has been reported.

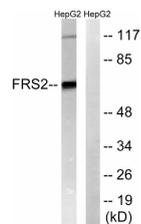
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

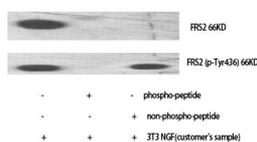
Not yet tested in other applications.

Images



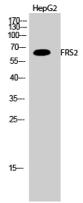
Western blot analysis of lysates from HepG2 cells, using FRS2 Antibody. The lane on the right is blocked with the synthesized peptide.

Western Blot analysis of various cells using FRS2 Polyclonal Antibody diluted at 1:1000





Western blot analysis of KB lysis using FRS2 antibody. Antibody was diluted at 1:1000



Western Blot analysis of HepG2 cells using FRS2 Polyclonal Antibody diluted at 1:1000

Storage

-20°C for one year

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