

FARSLB polyclonal antibody

Catalog: BS60426

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

FARSLB (Phenylalanine--tRNA ligase beta chain), also known as FARSB, FRSB, PheHB or PheRS, is a 589 amino acid cytoplasmic protein that is the regulatory beta subunit of phenylalanine-tRNA synthetase. A highly conserved member of the aminoacyl-tRNA synthetase class IIc subfamily, FARSLB functions to enzymatically attach L-phenylalanine residues to terminal adenosines on tRNA(Phe). This is an ATP-dependent reaction that yields AMP, a diphosphate and an L-phenylalanine-tagged tRNA(Phe). FARSLB is expressed in brain, heart, kidney, pancreas, placenta and skeletal muscle and its expression is increased in malignant cell lines, suggesting a possible role for FARSLB in carcinogenesis.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 80 kDa

Swiss-Prot:

Q9NSD9

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

FARSLB polyclonal antibody detects endogenous levels of FARSLB protein.

DATA:



Western blot (WB) analysis of FARSB pAb at 1:500 dilution

Lane1:CT-26 whole cell lysate(40ug)

Lane2:C6 whole cell lysate(40ug)

Lane3:PC3 whole cell lysate(40ug)

Lane4:EC9706 whole cell lysate(40ug)

Lane5:The pancreas tissue lysate of Mouse(40ug)

Lane6:U-87MG whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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