

Anti-FARSB Antibody

Catalog # AP52006

Product Information

Application	WB, IF/IC
Primary Accession	Q9NSD9
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66116

Additional Information

Gene ID	10056
Other Names	FARSLB; FRSB; Phenylalanine--tRNA ligase beta subunit; Phenylalanyl-tRNA synthetase beta subunit; PheRS
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human FARSB. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

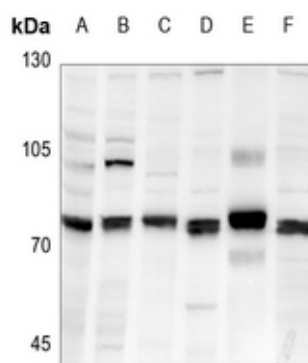
Protein Information

Name	FARSB
Synonyms	FARSLB, FRSB
Cellular Location	Cytoplasm.

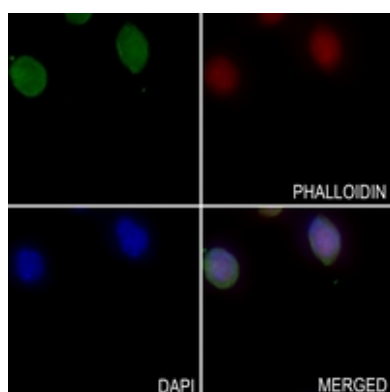
References

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Rodova M.,et al.Biochem. Biophys. Res. Commun. 255:765-773(1999).
Zhang Q.-H.,et al.Genome Res. 10:1546-1560(2000).
Hillier L.W.,et al.Nature 434:724-731(2005).
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).

Images



Western blot analysis of FARSB expression in CT26 (A), C6 (B), PC3 (C), EC9706 (D), mouse pancreas (E), U87MG (F) whole cell lysates. (Predicted band size: 54; 66 kD; Observed band size: 80 kD)



Immunofluorescent analysis of FARSB staining in VB2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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