

Product datasheet for **TA349533**

FARSLB (FARSB) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: A172, K562 and hela cells IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human FARSB
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	66 kDa
Gene Name:	phenylalanyl-tRNA synthetase beta subunit
Database Link:	NP_005678 Entrez Gene 23874 Mouse Entrez Gene 10056 Human Q9NSD9

Background: This gene encodes a highly conserved enzyme that belongs to the aminoacyl-tRNA synthetase class IIc subfamily. This enzyme comprises the regulatory beta subunits that form a tetramer with two catalytic alpha subunits. In the presence of ATP, this tetramer is responsible for attaching L-phenylalanine to the terminal adenosine of the appropriate tRNA. A pseudogene located on chromosome 10 has been identified.

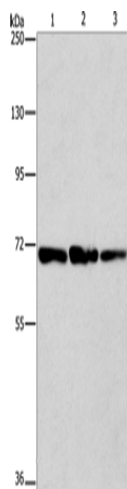


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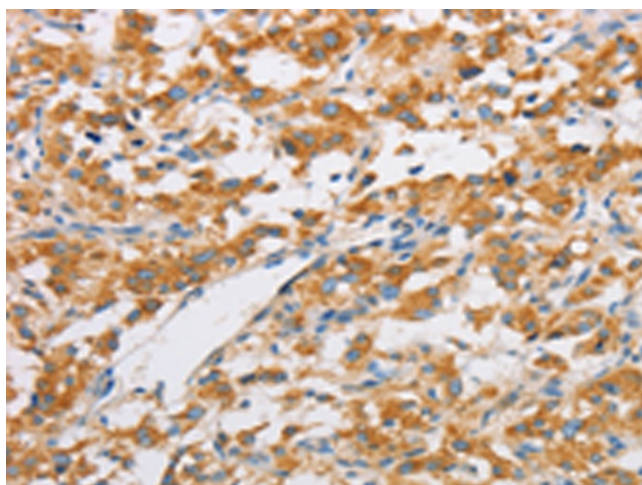
Synonyms: FARSLB; FRSB; HSPC173; PheHB; PheRS

Protein Pathways: Aminoacyl-tRNA biosynthesis

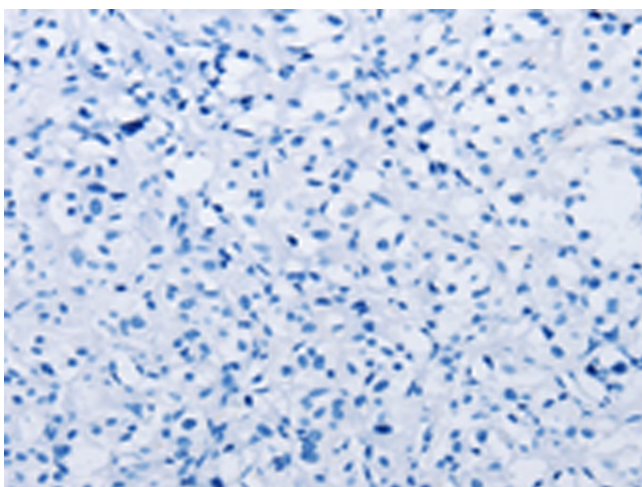
Product images:



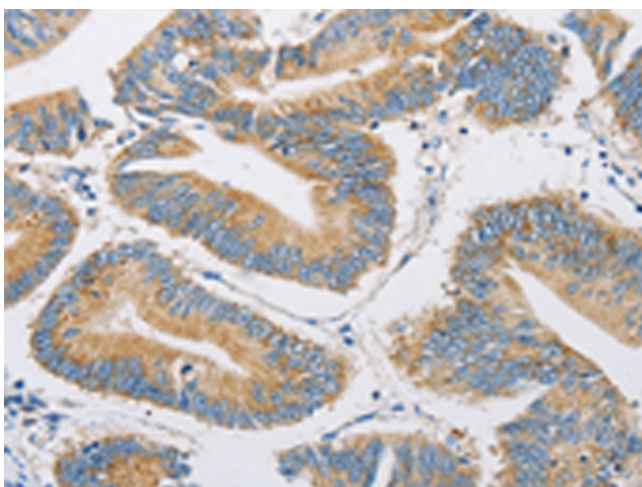
Gel: 8%SDS-PAGE
 Lysate: 40 µg
 Lane 1-3: A172 cells
 K562 cells
 hela cells
 Primary antibody: TA349533 (FARSB Antibody) at dilution 1/225
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
 Exposure time: 1 minute



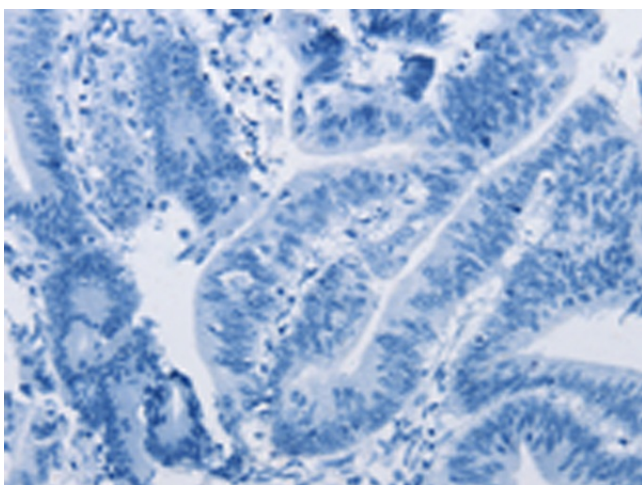
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349533 (FARSB Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349533 (FARSB Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA349533 (FARSB Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA349533 (FARSB Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)